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THE PENNSYLVANIA DAIRYMEN'S ASSOCIATION

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The Crawford County Dairy Association (1871)

The Pennsylvania Dairy Association (1874)

The Pennsylvania Dairy Union (1898)

The Pennsylvania Livestock Breeders' and Dairy-
men's Association (1916)



REPORT

of the

FOURTEENTH ANNUAL MEETING

January 19, 1939

Harrisburg, Pa.



WARREN F. WHITTIER, *President*
Douglassville, Pa.

G. A. BURDICK, *Secretary-Treasurer*
Wrightsville, Pa.

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ECONOMIC CONDITIONS AND THE DAIRY
INDUSTRY IN PENNSYLVANIA

By F. F. LININGER

Department of Agricultural Economics, The Pennsylvania State College
State College, Pennsylvania*A talk given at the Fourteenth Annual Meeting of the Pennsylvania Dairymen's Association, Farm Show Building, Harrisburg, Pennsylvania, January 19, 1939.*

Before we consider the immediate supply and demand conditions in the dairy industry let us take a look at the general economic situation prevailing in this country today. This will be review for many of you who have heard Doctor Weaver and others in this series of talks, but it is well for us to bring the picture up to date. It is important to dairymen as well as to all other farmers, because the general level of commodity prices is the most significant single factor influencing the prices of dairy products, and other farm products as well.

The wholesale price index of the United States Bureau of Labor stood last week at 77 per cent of the 1926 level. This means an index of 113 on a pre-war basis. In other words, general wholesale prices are now 13 per cent above pre-war days, but still only about three-fourth as high as in the pre-depression year of 1926.

COMMODITY PRICES FALLING SINCE APRIL, 1937

United States wholesale commodity prices have been falling since April 1937, when the pre-war index had climbed to 129, the highest point reached in the post-depression period. It is needless for me to indicate to you the disastrous effect of falling commodity prices on producers of agricultural products. You know only too well how in such periods the prices of things farmers buy remain high compared to the prices of things they have to sell. Farmers are disadvantaged as a result of a falling price level. This fact is painfully clear to farmers today when the index of United States prices of farm products sold stands at 94, and of commodities bought at 121.

In other words, the purchasing power of farmers in the United States now stands at 78, only slightly more than three-fourths of what it was before the World War. With approximately a 75-cent dollar in 1938, farmers were at a greater disadvantage than in any year since 1934 when a 73-cent dollar prevailed. At the depth of the depression in 1932 and 1933 the farmer's dollar was worth only 61 and 63 cents respectively.

TAXES AND LABOR COSTS HIGH TO FARMERS

These figures do not tell the whole story, for they represent only the relative prices of commodities sold and bought. They do not portray the disparity in other expenses, such as taxes, which for the last few years have ranged from 150 to 180 per cent of the pre-war period. Neither do purchasing power figures show the disparity between farm prices and industrial wage rates, which stood at an index of 212 in October, 1938. The same may be said of relief wage rates.

Let me pause long enough to refer to the radio address by President O'Neal of the American Farm Bureau Federation last Saturday. He referred to the platform of his organization, stating that it stands for "an adjustment of wages so that farm employment be made more attractive than relief employment." How often we hear the statement from farmers that they are not able to hire competent help because relief employment with easy hours and high rates of pay are more attractive than a farmer can offer.

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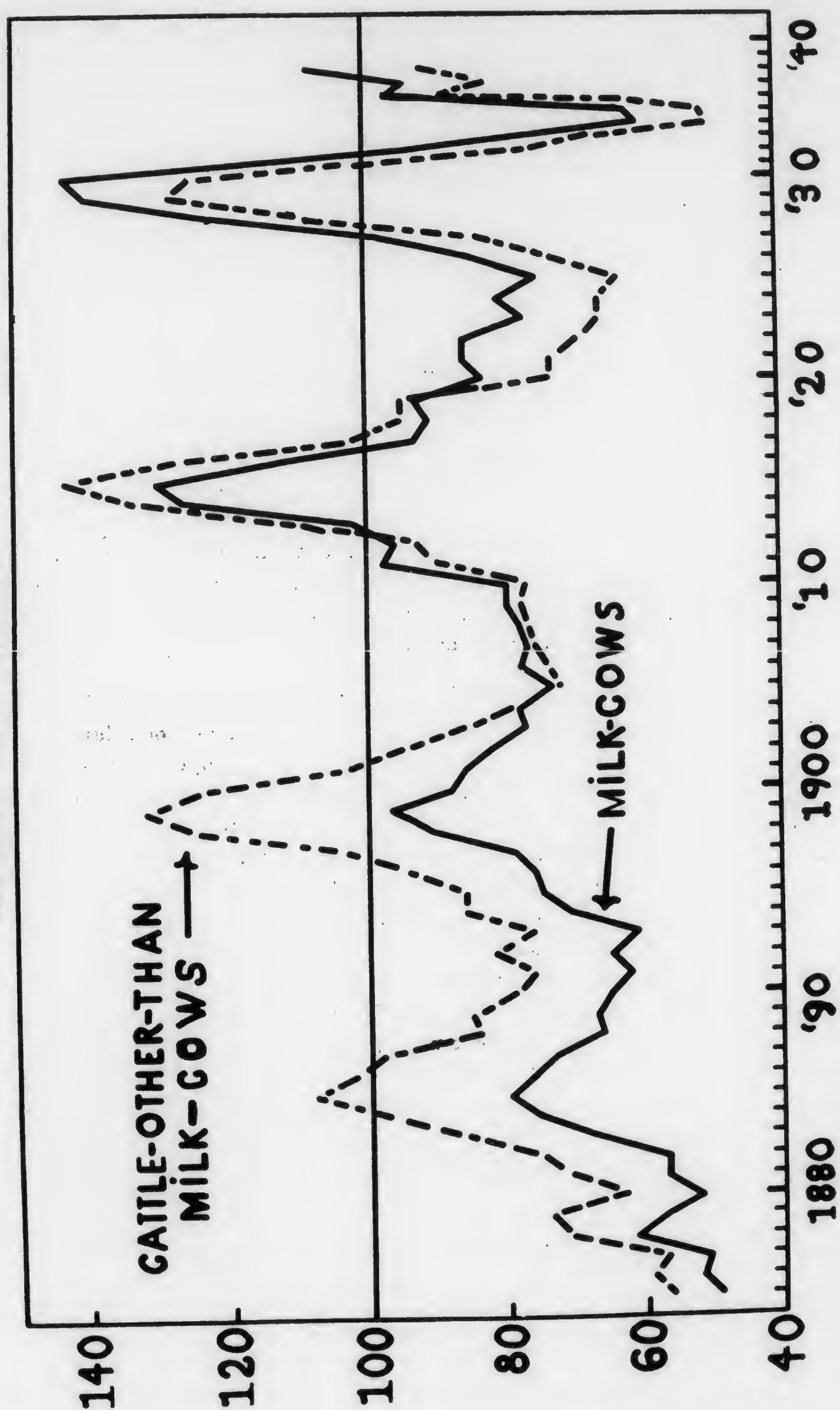
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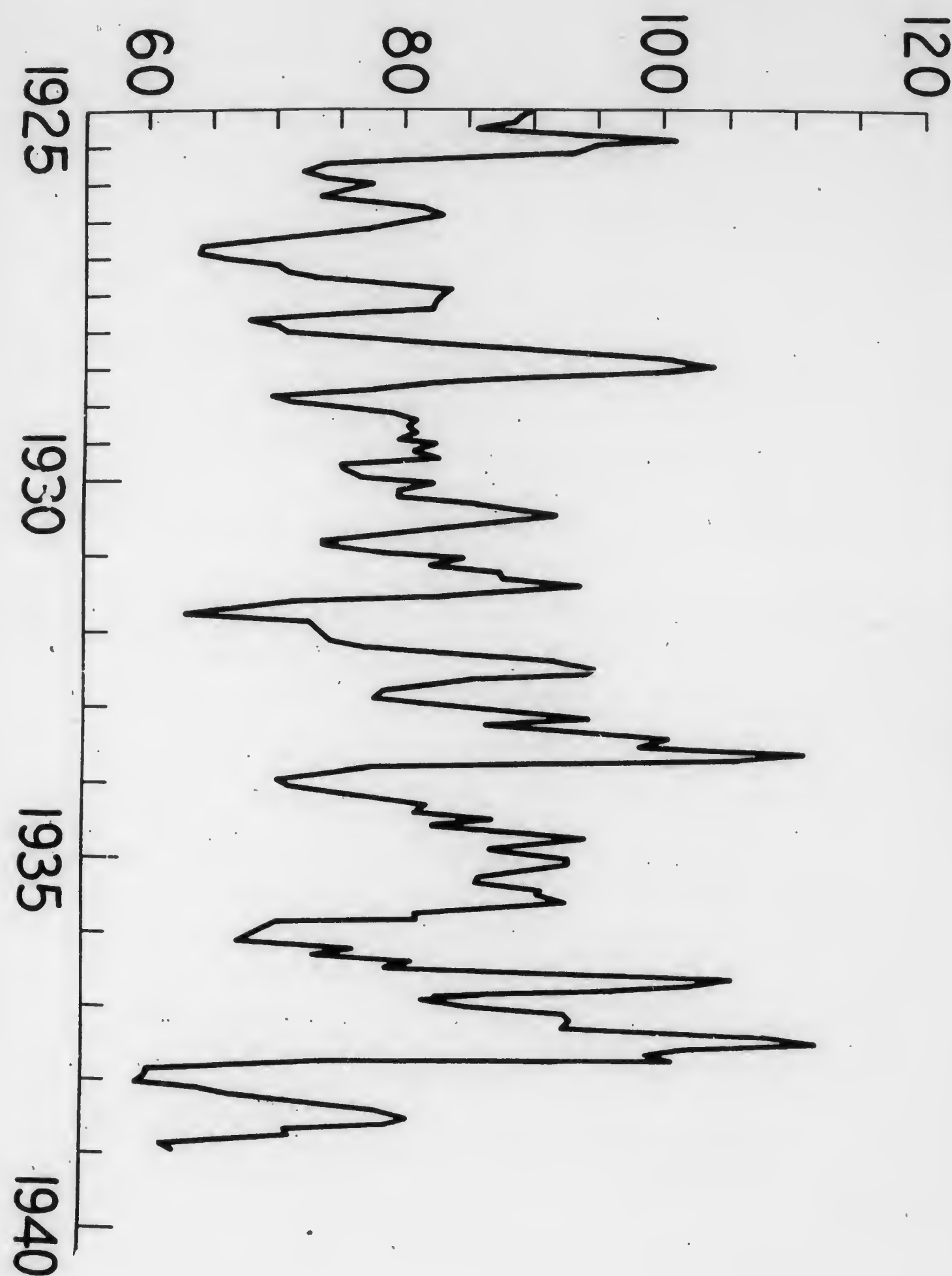
ADJUSTED-VALUE-PER-HEAD-OF-MILK-COWS-AND-CATTLE OTHER-THAN-MILK-COWS

1910-14=100



Prices of milk cows and other cattle in past years have varied in relation to the general level of commodity prices in fairly regular cycles of 14 to 16 years duration.

MILK REQUIRED TO BUY 100 POUNDS POUNDS DAIRY FEED



Fifty-two pounds of milk would buy 100 pounds of a home mixed dairy ration during the latter part of 1938. Milk would buy more feed then than at any time since 1920.

RAISE IN GOLD PRICES HELPED MOST

At this point I want to call to your attention what to my mind has been the most important factor in the upswing of prices during 1933 and early 1934. It was the raising of the price of gold, which began in April 1933 and ended February 1934 with a price of \$35.00 an ounce, 69 per cent higher than the old price of \$20.67 an ounce. Commodity price charts show the rise in basic commodity prices which accompanied this action. Not even the most outspoken of the critics of this policy would hazard the chances of a drastic price decline and advocate returning to the old gold basis. The experience of most of the leading nations of the world shows that internal price levels of these countries have been controlled by changing the price of gold. By so doing, the monetary unit signifying less of the base metal, exchanges for less goods. In other words, in the United States a dollar buys less, which is the same as saying prices of goods are higher.

It is necessary for us to remember that there are five factors making for prices in the long run:

1. The supply of the commodity.
2. The demand for the commodity.
3. The supply of gold.
4. The demand for gold.
5. The price of gold.

Gold is a commodity, and its value can not be controlled by any country. World supply and world demand determine what it will exchange for. It was largely the changes in world demand for gold which brought about a decline in world prices after April 1937. No important nation with its currency tied to gold could maintain its price level against this tremendous downward pull, unless it devalued. In the United States, England, Sweden, Australia, Canada and Belgium no devaluation occurred after 1937, and prices fell in every one of these countries. Nevertheless, currency prices in the United States today are not far from 69 per cent higher than world prices. In October 1938 world prices for 40 basic commodities were 63, while United States currency prices were 106. This is 43 points higher, or on a percentage basis, 68.

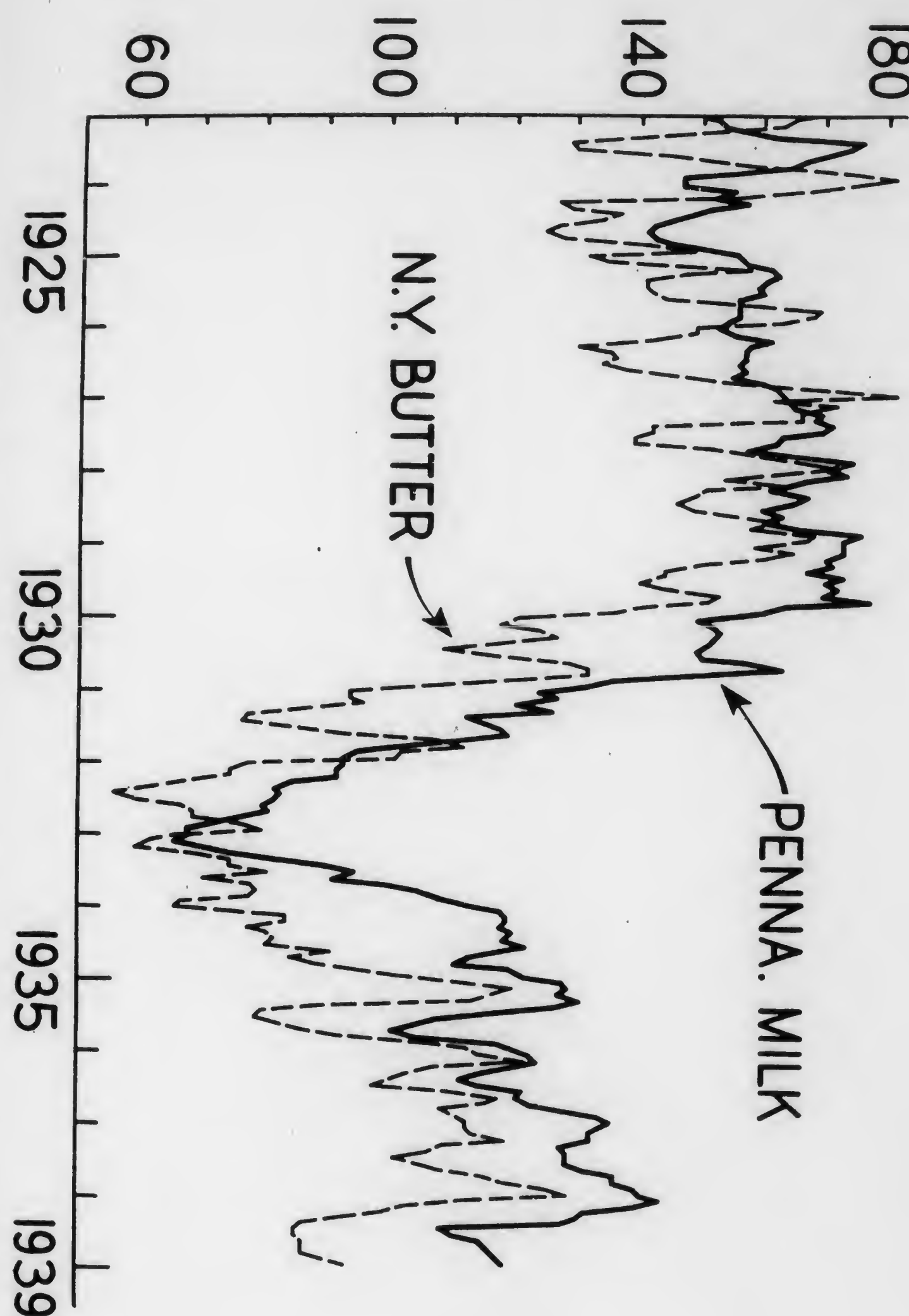
UNITED STATES GOLD HOLDINGS STRONG WEAPON

We may be misled by the fact that in the United States we have an all time peak of gold holdings, \$14,582,000,000, as reported by the United States Treasury on January 12, 1939. We must remember, however, that it is not the size of the gold holdings of a *single country* that influences most its price level, but rather the *world* supply in relation to world demand.

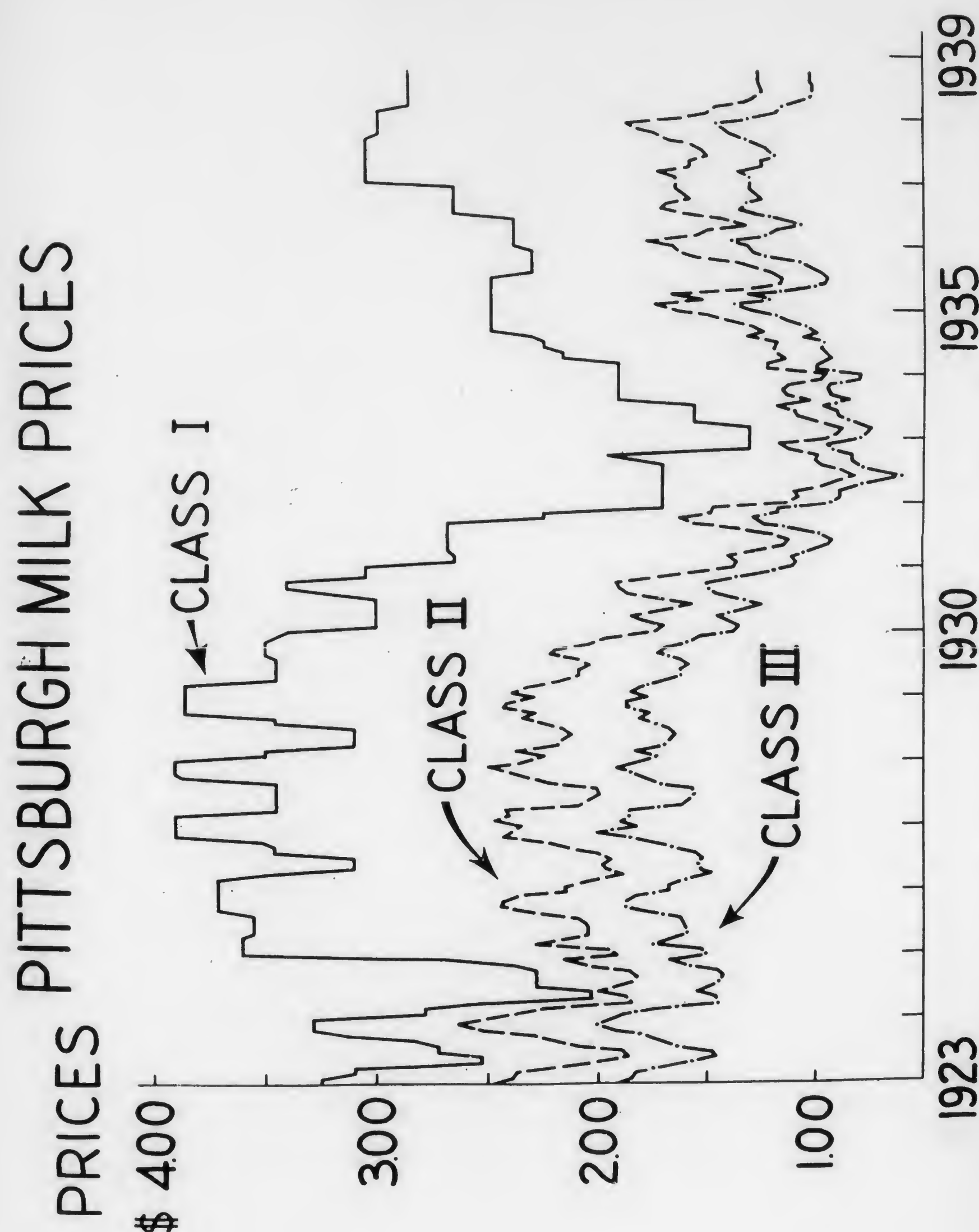
I can not refrain at this point from stating what seems to me a fact of great concern in the tremendous holdings of gold by the United States—approximately two-thirds of the world's supply of monetary gold—buried in a hole out in Kentucky. Recently I asked my class the significance of this fact. One student replied, "I guess nobody else has it," and that's the answer. It is the greatest peace instrument in the world, if we know how to use it. No nation can wage a war of long duration without getting goods from other nations. With its energies occupied fighting, a warring nation can not trade goods to other nations in return for war supplies. With neither gold nor goods, war supplies can not be obtained except by credit extensions, which are unlikely. Hence, fighting must cease, at least in intensity. So a most worth while purpose may be served by this great amassing of gold at Fort Knox, and silver at West Point, if we have enough intelligence to use it to peaceful ends.

PENNA. MILK AND N.Y. BUTTER PRICES

INDEX
(1910-14=100)



Butter prices are significant in shaping the prices of milk sold at wholesale in Pennsylvania.



The wide spread between Class I milk prices and the prices for other classes is noted. Relatively high Class I prices attracted outside supplies to the market.

DAIRY PRICES FOLLOW GENERAL PRICE LEVEL

A glance at charts showing the movement of milk prices in Pennsylvania and of general commodity prices shows that milk prices have not remained far out of line with general commodity prices for any extended period. This is true since milk control has come into the picture, as well as before. In fact, there have been periods when milk prices in Pennsylvania broke away from control, as in the latter part of 1935 in the Pittsburgh market. At that time the price to farmers exceeded control price. On the other hand, in 1936 the opposite was true. The best that milk control can do is to find the natural level of milk prices and name that price.

In the Pittsburgh market during the last year or more the Class I price has been held exceedingly high. The result has been a flood of milk seeking the higher price, and an average price to farmers following more closely the lower class prices than the Class I price.

Milk prices follow butter prices rather closely, but butter prices are tied to general price level swings. Nevertheless, the effect of butter prices in short run periods is noticeable in milk prices for the reason that generally manufacturing milk prices are based on the butter market.

THE DAIRY SUPPLY SITUATION

In 1926 a well known economist made this prophetic statement with respect to the future of agriculture:

"The outlook for agricultural production is so good that the outlook for agricultural prosperity is distinctly bad."

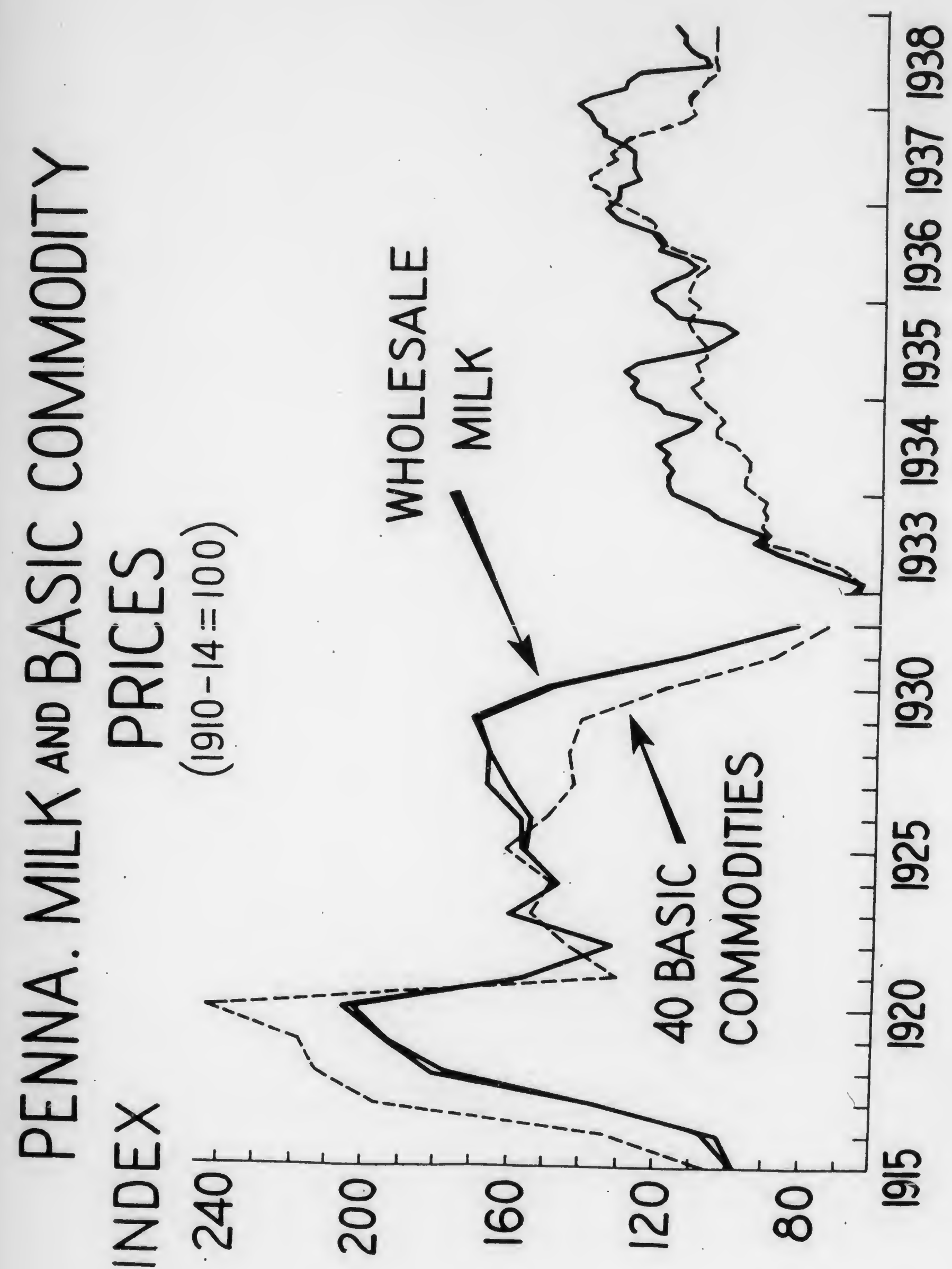
In the dairy field today if production and existing supplies were the only factors to be considered one might be inclined to say that the supply situation is so good that the outlook for prices is distinctly bad.

The important supply factors affecting the prices of dairy products in Pennsylvania are not local but national in scope. We have already noted the close relation of Pennsylvania milk prices to New York butter prices.

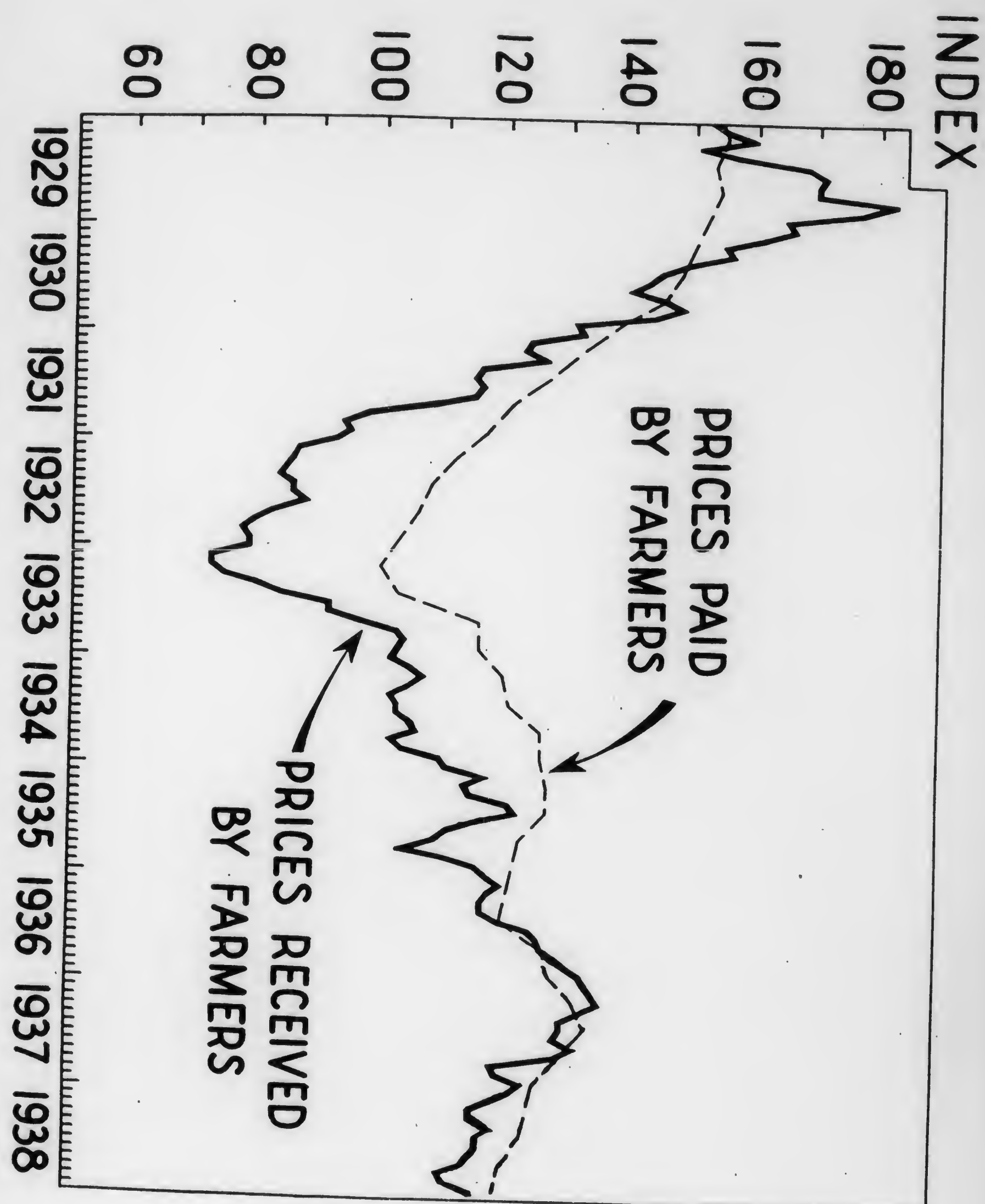
Before we consider current production of milk, let us take a look at the storage supplies of dairy products accumulated from the past production season. On December 1 last, we had 159 million pounds of butter in cold storage. Quite a chunk of butter that. It was almost $2\frac{1}{2}$ times as much as we had a year earlier, nearly twice the five-year average holdings of that date. Of this total the Dairy Products Marketing Association held 98 million pounds, while eight million pounds were in the hands of relief agencies. Holdings of cheese were about 17 per cent above the average holdings for December 1. On November 1, manufacturers' stocks of evaporated milk were larger by 37 per cent than the preceding peak for that date.

Turning now to current productions we find that while we probably have on hand somewhat more cows than a year ago, the milk production per cow is about 5 per cent higher than a year earlier. In fact, production per cow on December 1 was the highest for that date since 1931. This month and the following months doubtless will bring the usual seasonal increase in milk production.

High production per cow is in large part due to the relatively low price of dairy feeds. This is favorable to dairymen who depend largely on purchased feeds, but is no consolation to farmers who produce milk from their home grown feeds. In the latter case, however, it may be the best outlet for crops produced on the farm. Current figures indicate only about 62 pounds of milk are required to buy a hundred pounds of home-mixed dairy feed. This approaches the low of a year ago. A favorable ratio for milk production prevailed just a year ago, but it should be noted that very rapid changes are possible. In 1937 the extremes of nearly a score of years prior to that date were noted in this ratio. In May 1937, 112 pounds of milk were required to buy 100 pounds of feed,



Pennsylvania milk prices have fluctuated around the general wholesale price level, both before and after milk control days.



while in December 60 pounds of milk, only slightly more than half as much milk, would buy the same amount of dairy feed. A sudden increase in feed prices could very quickly change the picture. In any event, however, the immediate outlook for the next few months is for rather heavy milk production because of heavy grain feeding throughout the country. In the United States supplies of feed grains and feed stuffs per animal are about 8 per cent greater than the liberal supplies available during the early thirties. It is significant to note that shipments of feeder cattle into the Lancaster market this winter have been the smallest of the last five years. This may mean more feed relatively will go into dairy animals this winter.

Taking a somewhat longer time viewpoint, let us note the position of the dairy cycle. Considerable recovery in the purchasing power of dairy cows has taken place during 1938. Heavy slaughterings of cattle that resulted from the 1934 and 1936 droughts have brought a sharp recovery in cattle prices. Unless increased demand factors offset the heavy dairy supply situation this year a rather depressing influence may be felt in the purchasing power of dairy cows. Yearling heifer numbers are increasing, but this will be slow for a year or two, so that dairy cow numbers are not expected to increase greatly before about 1940. Slaughterings of cows and heifers are decreasing, so that within a couple years a substantial increase is expected in cow numbers. The purchasing power of dairy cows, however, will be influenced also by general price changes and by the prices prevailing for beef animals.

Another factor in the longer time outlook is the prospect for greater emphasis on dairying as a result of the several Conservation programs. In some respects it appears evident that all these measures are leading straight to the milk pail. Of course change in these programs is to be expected, but they are as likely to change still more in the direction of the milk pail as in the contrary.

In 1936 more than 20,000 acres of pasture was treated under the Agricultural Conservation Program in Pennsylvania, and in 1937 the treated acreage doubled. Even the 1937 treated acreage represents only a small portion of pasture land in Pennsylvania, less than 2 per cent. But with improved seeding, or lime and fertilizer applications, or both, extending to a larger and larger acreage of pasture, it is logical to expect in Pennsylvania a considerable part of such pasture land will be used for growing and supporting larger dairy herds.

The Soil Conservation program also exhibits a tendency to increase as well as to improve pasture acreages. If present plans are carried out, at the termination of 5-year agreements on Soil Conservation watershed projects in Pennsylvania 191 sample farms indicate there will be increases in pasture acreage on four projects as follows: 6, 11, 17 and 45 per cent. On the other hand, clean tilled crops will be reduced from 11 to 23 per cent on these same sample farms.

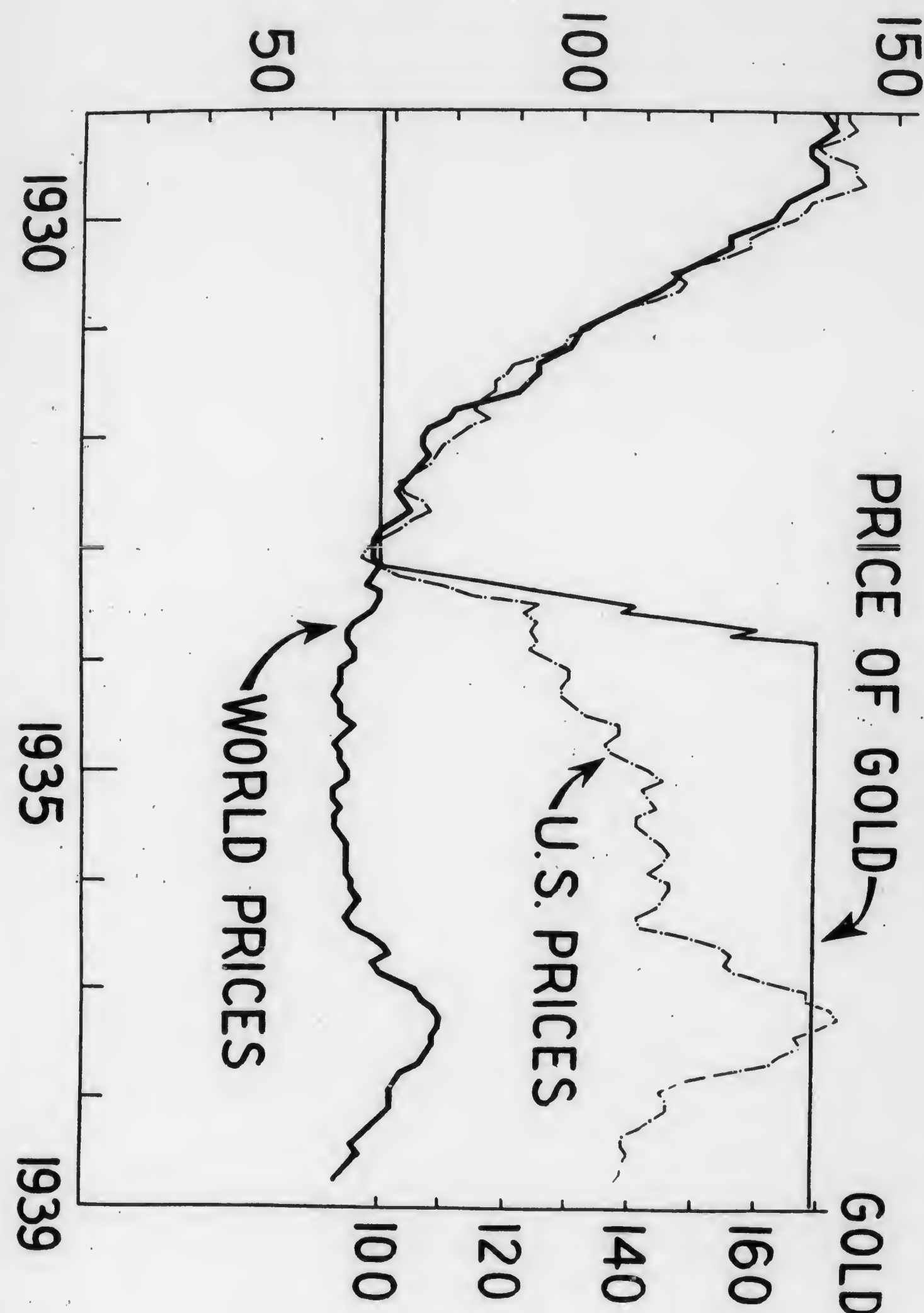
Whether or not the increases in pasture land and pasture improvement will be offset, so far as milk is concerned, by decreases in grain feeds is the real question. In any event, history indicates that livestock and livestock production is a part of, and always accompanies, programs for conserving the land resources. In Pennsylvania we are pretty certain increased livestock production would bring more emphasis on dairying.

DEMAND PROSPECTS IN 1939

Good business conditions make good markets for dairy products, and the hopeful note is that the business situation is inherently optimistic. The President's message to Congress apparently was fairly well received by business.

Last week our automobile plants turned out 86,925 cars and trucks against 65,735 a year ago—nearly a third more. During December last, General Motors sold 188,000 units, the largest December in history except 1936.

U.S. PRICES, WORLD PRICES AND THE DOLLAR PRICE OF GOLD (1910-14 = 100)



The greatest hope for business improvement probably lies in the revival of heavy industries through a demand for construction. Building goes in cycles, and we are due for increased building in this country. Public building may be expected to continue under government spending programs, at least during the early months of 1939. As shown by the New York Times index, business activity on January 7 stood at 93.5 of normal, compared with 81.2 a year ago.

Babson expects business volume in 1939 to be 20 per cent over 1938. Colonel Ayers of the Cleveland Trust Company expects, for the first half of the year at least, better employment, rising national income, and increased volume of industrial production, although little prospect of greatly changed commodity prices. Admitting the temporary stimulation of government spending, Colonel Ayers believes we can not continue to borrow and borrow, and spend and spend. We are only kidding ourselves into thinking the government is responsible for business activity. He says it is as futile for us to believe that we can spend ourselves rich as for us to suppose that a man can drink himself sober.

SUMMARY

In summary we may say that, barring a major upheaval such as a war, foreign or domestic, which would disrupt the entire price structure, we may expect a stable or slowly rising price level rather than a falling one this year. This would favor agricultural producers.

Favorable factors in the dairy picture appear to be the prospect for some increase in the demand for dairy products in 1939; and for dairymen buying feeds, low feed prices at least early in the year.

Unfavorable factors for dairymen in 1939 are the large storage supplies of dairy products and the prospect at hand for high production of milk. In the longer run dairymen need to be observant of the tendency for conservation programs to stimulate greater competition in the business of milk production.

Whether or not sustained business revival toward the end of 1939 and beyond can be developed will depend on the extent to which we make the transition from pump priming to genuine business revival on the part of private industry. I am not too optimistic about this outlook. If we do not bridge this gap—and it is no small one—then I am inclined to think we have come to the end of the rope for the pump primers. Our next look may well be toward our monetary machinery.

MARKETING AGREEMENT AND ORDER PROGRAMS OF THE FEDERAL GOVERNMENT

By E. W. GAUMNITZ

Director of Division of Marketing and Marketing Agreements, U. S. D. A., Washington, D. C.

The subject upon which I am to speak to you this afternoon is a very broad one. It is a subject upon which many people talk in general terms, but few of these people have the necessity of doing anything about the problems involved. We people in the Government, too, like to discuss our difficulties with dairy people like you, and to get your ideas as to what should be done about them. But in the meantime we have the job of doing something about these many problems each day. And I assure you that the difference between "talking" and "doing" is a very big difference.

I should like today to dwell briefly on the history of the Federal regulation of marketing fluid milk and other dairy products, then proceed to discuss some of the problems encountered, and finally some of the things we think are necessary for the program to work in the interests of the dairy industry and the public.

The plight of the dairy industry was especially acute in 1933. The dairy industry at that time needed aid and needed it right away. Many people were in Washington with all sorts of plans as to what should and should not be done. But, as you can imagine, none seemed to have any concrete ideas that could be put into effect immediately. The most practical solutions offered by any group were those of the co-operative associations who had wrestled with similar problems for many years. It was natural that the marketing practices that had been found to be sound by the trade, and the recommendations of the trade relative to implementing sound practices and discouraging unsound practices were accepted and formed the basis of the early program. This program involved the issuance of marketing agreements and licenses which provided for the classification of milk and the fixing of prices of milk in each use class, the fixing of detailed schedules of resale prices, and the type of pooling plan to be used in prorating to producers the proceeds of sales to handlers. For the evaporated milk industry, the agreement and license provided for fixing the prices to producers for milk delivered to condenseries on a formula basis, the fixing of manufacturers' selling prices, and a set of trade practice rules. As far as the dry milk agreement is concerned, a set of trade practice rules was specified, together with a system of filed prices whereby manufacturers file with the Secretary of Agriculture and the managing agent of the agreement their selling prices for both dry skim milk for human consumption and for animal feeding.

Thirteen fluid milk agreements and licenses of the type just noted were issued in 1933. However, serious problems in the administration of these agreements and licenses were encountered immediately. There was widespread violation of the resale price provisions of the agreements, and little success was had in enforcing these provisions.

Early in 1934 the Government announced a new policy relative to the regulation of fluid milk markets. The marketing agreements and licenses were replaced by licenses, which differed from the previous ones mainly in connection with the extent to which control over resale prices was carried. In the latter licenses, resale price schedules were eliminated entirely except in a few cases where low minimum resale price schedules were established, and later on even these low minimum resale schedules were eliminated.

The resale schedules were eliminated largely because of (1) extreme difficulty of enforcement, (2) question as to whether such activity had a reasonably sound legal basis, and (3) because it was thought that sound producer price structures could be established without extending control to resale prices. These licenses, started in 1934, carried in general two major provisions, these being: (1) the classification of milk according to the use made of it by handlers and the fixing of prices which handlers were required to pay for such milk, and (2) some plan of prorating to producers the proceeds of sales to handlers. About 52 of these licenses were issued, of which 13 are still in effect.

Shortly after the change in policy just noted became effective, the Federal Government again became involved in one of the most important problems in connection with the entire program, and that is the problem of enforcement. In 1935 decisions of the Supreme Court with respect to the N. I. R. A. and other programs led to extensive amendment of the marketing provisions of the Agricultural Adjustment Act. These

amendments set forth in rather precise fashion the provisions that could be included in marketing agreements and orders. In general, the amendments authorized the Secretary of Agriculture to issue orders (with or without marketing agreements), and provided that such orders could provide for the classification, pricing, and pooling of milk. Two general methods of pooling are provided, these being (1) the market-wide pool, whereby producers are paid a blended price calculated on the basis of market utilization, and (2) the individual-handler pool, under which the producers are paid a blended price based on the utilization of the particular handler to whom they deliver milk. Base-rating plans may be used in conjunction with either type of pool. Nine orders and three marketing agreements, in addition to the 13 licenses previously noted, are now in effect.

While the amendments just noted clarified the powers of the Secretary of Agriculture relative to the issuance of orders and marketing agreements regulating the handling of milk in interstate commerce, they did not eliminate the legal problems encountered. The decision of the Supreme Court of the United States in the Hoosac Mills case, which invalidated the production-adjustment, rental and benefit-payment, and processing tax features of the act, also raised serious questions as to whether this decision invalidated the entire act. The circuit court in Boston decided that this was not the case. This decision was upheld by the Supreme Court when it denied certiorari on November 8, 1937. However, shortly before the circuit court handed down its decision Congress passed the Agricultural Marketing Agreement Act of 1937. This act reenacted and amended the marketing agreement and order provisions of the Agricultural Adjustment Act. It carries substantially the same provisions as the previous act relative to marketing agreements and orders, and also provides for arbitration and mediation of disputes in milk markets. This act also reenacted the provisions of the Agricultural Adjustment Act which provided for co-operation with State officials in order that State and Federal milk regulation be more closely co-ordinated.

Litigation, however, has continued in its slow and cumbersome way. We have been quite successful in obtaining temporary injunctions, but progress toward getting a decision from the Supreme Court has been very slow. It seems unbelievable that a program such as ours could continue to operate for more than five years without our being able to get such a decision. The only consolation that we have is the feeling that the program must be worth while to be able to continue this length of time without the decision. In some cases the handlers have not appealed the decisions given in favor of the Government, and in other cases the decisions have been such that they could not be appealed. At the present time litigation is being carried on in the Cincinnati, Toledo, Washington, New York, and Boston markets. The Boston case was started January 4, 1938, and I understand that the Special Master will make his report to the district court this month. If the report is made we can reasonably expect a decision by the district court in a fairly short time, say in time for the appeal to be heard in the circuit court during its April session. All this means that the case might reach the Supreme Court next fall. But with all the delay we have seen up to this time, we will not count on it until it gets there.

You can readily realize the problems encountered in working out a sound marketing program are greatly magnified on account of delays in securing compliance with orders. But under the laws of Congress our job with respect to fluid milk markets has been outlined. We have been given that job to do and intend to do it. We do not like these legal brawls. But we do realize that before any great progress can be made some determination of the legality of the program is needed. Until that determination is had we intend to use all of the resources at our command to secure compliance with the law.

At the NEW YORK WORLD'S FAIR



The World's
Most Modern Dairy
will use
This Modern
DAIRY FEED

See the herd of 150 purebred dairy cows milked while they ride on this modern Rotolactor—a feature of the Walker-Gordon System. (Photo taken from model.)

"THE Dairy World of Tomorrow"—Borden's dairy industries exhibit at the New York World's Fair—will set a new high in the scientific care and handling of high-producing dairy cows. Forty of the herd will come from Canada, the remaining 110 will come from the United States. To Beacon Dairy Rations has been entrusted the important job of maintaining the production, health, and appearance of this fine herd.

Beacon has earned this recognition because of a sound policy based on a thorough scientific knowledge of dairy cattle nutrition and a wide practical experience in the problems of milk production—demonstrated by a 20-year record of proved performance. The Beacon manufacturing set-up neither produces nor uses any fillers or by-products of low nutritive value. This allows complete freedom to select every ingredient solely on the basis of its specific contribution to the ration.

FREE DAIRY BOOK—For a complete story of Beacon Dairy Rations, write for a free copy of "Profitable Dairy Management."

THE BEACON MILLING COMPANY, INC.
Cayuga, New York

BEACON
to supply
SCIENTIFIC
RATIONS
for the
PUREBRED
DAIRY
COWS
at the
"DAIRY WORLD
of TOMORROW"

BEACON *Dairy Rations*

We have no hopes that a final determination of the legality of the program will solve all our difficulties. Perplexing market problems are being met and will continue to be met. They must be solved if regulation is to be successful. The major marketing problem encountered is that involved in the determination of sound price structures. The importance of establishing sound price structures cannot be overstressed. The Marketing Agreement Act of 1937 sets forth the purpose of the program for milk to be that of establishing and maintaining prices to producers at a level which will give milk the same purchasing power as it had in the base period. The base period generally used for milk pursuant to the act is the period between August 1919 and July 1929. This purpose is to be achieved in such a manner as will protect the interests of consumers by approaching the desired level of prices, known as the parity level, only at as rapid a rate as is feasible in view of demand and supply conditions. As far as the regulation of fluid milk markets is concerned, experience indicates that it is fundamental to the success of such a program that the prices established in marketing agreements and orders be reasonable and justifiable in view of market conditions. If prices are placed at too high a level, increased supplies from both within and without the area will be encouraged, with the result that surpluses will be increased and the ground work completed for more chaotic, rather than more stable marketing conditions. Conversely, if prices are placed at too low a level supplies will tend to be reduced and shortages may develop. Furthermore, the quality of the supply may be impaired.

Prices can be raised above parity levels only if the parity prices will not insure an adequate supply of wholesome milk to the consuming public. Thus, as we visualize the problem, up to the parity level prices to producers for a marketing area must be such that those producers will have stable marketing conditions. But once prices are to be raised above parity levels then the question arises as to whether the supply of milk for that market should continue to come only from that group of producers. If an adequate supply of wholesome milk could be received in the market from other producers with no increase in price then perhaps no price increase should be granted. However, the question as to whether the shortage of supply is a temporary one, such as that which might be caused by a hurricane, or whether it is a permanent shortage would have to be considered. We could discuss this problem for many hours, but I think we should proceed to a discussion of some of our other problems.

The relationship of co-operatives with the program is another problem of great significance to us. As I pointed out earlier, the basic provisions of the programs of the Federal Government developed from programs of co-operatives. The program can be described as an effort by the Federal Government to apply to interstate markets which request a Federal program the methods developed by co-operatives to ensure stable marketing conditions. The act itself recognizes the importance of co-operatives and has given them several important prerogatives.

Since there are great similarities between the objectives, methods, and limitations of the Agricultural Marketing Agreement Act of 1937 and of co-operatives, it might be expected that the functions of co-operatives would tend to diminish, or co-operative activity would tend to decline, under the Federal program. In considering this, it should be recognized that the Federal Government does not undertake to perform the functions of co-operatives but rather to supplement the work of the co-operatives in the performance of some of those functions. Some functions of co-operatives remain entirely unaffected by Federal regulation. The services rendered producer-members by the co-operative other than the negotiating of prices with distributors are not attempted by the Government. The co-operative still has the problem of checking the weights and tests of members' milk and of guaranteeing the member a market outlet. As a matter of fact, we have found that membership in co-operatives in markets under

regulation has actually increased. While it may be true that the price-making functions of co-operatives are modified to some extent, the modification probably is more apparent than real, particularly in light of the limitations imposed by the act and the methods authorized in the act for the promulgation of orders.

I venture to say that co-operatives will receive more consideration from governmental regulatory bodies than from dealers, inasmuch as orders issued by the Government are based on the facts in the case, while prices negotiated by co-operatives are largely the result of co-operative bargaining strength relative to dealer bargaining strength. Though there is an apparent diminution of the place of the co-operative in the price-making process, we who are charged with the administration of the program are convinced that the functions of the co-operatives are as a matter of fact enhanced under the program. Not only was the act drafted in such fashion that co-operatives are to be encouraged definitely under it, but our experience indicates that, unless there is a strongly functioning co-operative in the market, the corner stone for a successful program is lacking.

One of the problems with which we are vitally concerned is that of determining what producers should share in the proceeds of the fluid milk market and to what extent they should share. People tend to speak generally of "producers for a marketing area." But the terminology is just another example of the difference between "talking" and "doing." We have found difficulty in our programs of defining just who is a producer for a marketing area. Is one who meets the health standards a producer? Is one who ships milk to the area a producer? Is one who ships to a station that ships milk in occasionally in short seasons of production a producer? Then there are questions as to: nearby producers and their claims to a larger share of the market; producers who produce evenly throughout the year; and producer-distributors. In considering such problems we must recognize that in the long run the proper relationships between different producers is fundamental to the program.

Producers, distributors, and consumers all have a definite interest and place in a program designed to solve these problems and to foster stable marketing conditions in fluid milk markets. Producers have a great responsibility, inasmuch as they must approve an order before it can be issued. Prices must be adjusted in line with changes in the supply and demand situation, and producers must realize that in the long run the prices established must be proper, else trouble will develop in the markets. Having the power, so to speak, of veto relative to the issuance and modification of orders, producers should study the market situation so that they may act intelligently. The responsibility for the establishment of sound price structures, fundamentally, rests largely with producers.

Handlers also have a place, and an important one, in a program of orderly marketing. In the first place, handlers can perform a real service in making available the facts relative to the economic situation in the milk markets, and thereby aid materially in the development of sound price structures and orderly marketing conditions. In the second place, many handlers stand to gain from a program of orderly marketing. It is difficult to see how the program can operate to the disadvantage of efficient, well-financed distributors. Our experience seems to indicate that the only handlers who have reason to fear the program are those inefficient handlers who, regardless of size, have been able to stay in business by procuring their milk cheaper than their competitors who are desirous of paying reasonable prices to producers. Instead of operating to the disadvantage of handlers as a class, the program should operate to the advantage of the efficient distributor by placing the cost of milk to all handlers at the same level.

Consumers also have an interest in a program designed to secure orderly marketing conditions. It hardly seems necessary to observe that the fundamental purpose of

the industry is to serve the needs of the public generally. Consumers have a right to demand that their milk supplies be furnished them as efficiently as possible at prices that will maintain the requisite volume of production and distribution services.

We earnestly desire that the industry could work out their problems in a democratic manner with as little so-called "Government interference" as possible. Since the industry has not been able to do this, however, we are going down the line in endeavoring to bring stability to markets. We are co-operating with the forward looking elements in the trade, and wish we did not have to "interfere" with anyone. However, as long as this is necessary to work toward a more stabilized system of marketing for fluid milk, we intend to move ahead.

In closing, I would like to emphasize that, although the present program for fluid milk markets can be of real benefit in stabilizing prices to producers and conditions in the market, there are other problems of great importance which the present program touches only indirectly. Especially is this true of the distributive phase of milk marketing. While the program appears satisfactory as far as it goes, milk marketing abounds in opportunities for more service in the public interest.

In connection with the interests of the public in milk marketing, I wonder if all of us are doing as much as we can to enable consumers to secure a large volume of fluid milk at reasonable prices. Are co-operatives doing all in their power to service the market and otherwise work toward more stable markets? Are handlers doing all in their power to find ways and means to distribute milk at the lowest possible prices consistent with reasonable prices to producers and reasonably profitable operations? Are consumers themselves trying to learn something about the intricate problems involved in milk marketing so that they can consider such problems objectively? Are Government officials doing as much as they can to stabilize milk markets? As far as handlers are concerned, would it not be possible for them to develop some means of getting milk to persons on relief or with very low incomes at lower prices than those charged regular customers? If handlers are not willing and able to do this, would it be feasible for the Government to undertake such a program? I do not know the answer to all of these questions, but I doubt that all of us are doing as much as we could. We need more research in milk marketing so that solutions to the problems confronting all of us can be secured. We need to bring together all of the knowledge and experience of the industry and focus it upon a solution of the problems confronting the industry. Furthermore, we need, above all, a spirit of co-operation in solving these problems on the part of all of the factors in the industry. Co-operation is paramount, for without it nothing permanent can be accomplished. Even though we had the solution to all of the problems in milk, unless we all co-operated to the fullest extent possible, it would be impossible to improve the operations of the industry to any great extent.

FEEDING THE DAIRY HERD

By J. A. McLEAN

Livestock Feeds Research, The Quaker Oats Company

There are some fundamentals regarding the business of dairying which need perpetual emphasis.

Dairying is the greatest single agricultural business in the United States. More money is earned by dairymen than is earned by any other agricultural group per individual per acre or as a whole. Dairying is a building industry. Dairying builds better land, better homes, better farm buildings and equipment, better schools, better people, and better lives for more people than does any other business. Dairying leads

in building the community, the state, and the nation in wealth, health, culture, and quality of citizenship. Dairying does these things because dairying demands faithful labor and study and the closer application and study each of us gives to the building of our dairy business, the greater is our progress and the progress of our industry.

It is not our intention to boast; we appreciate the place and fundamental importance of all agricultural activities, but rather in reviewing the salient features of this mighty business of dairying we wish to impress on each dairyman that he is in a fundamentally essential and important business that is the very foundation of this nation's greatness; this is an intricate and fascinating business which is not automatic but constantly demands every man's best efforts if its service and status is to be maintained and enlarged. We, each, have a responsibility to our industry, a responsibility that finally boils down to a responsibility to our own dairy herds.

Recently the owner of the Wyoming Hereford Ranch located at Cheyenne, Wyoming, and acknowledged by Hereford breeders universally as the outstanding herd of this breed, in accounting for their success said that everything done by everybody working on that ranch was always done for the benefit of the herd. That one ideal kept before everybody on the ranch at all times through all the years carried Wyoming Hereford Ranch to its peak position, will maintain its excellence, and will carry it into new heights of leadership.

By keeping our dairy herds and our dairy business uppermost at all times in our thinking and working, we shall carry our own herds, our dairy business, and the nation's greatest single business forward to new successes. Let none of us ever yield this privilege and duty to other hands. We can build our business in many ways. We can get rid



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KEEPS BACTERIA COUNTS DOWN AND AVOIDS REJECTS

The HTH-15 Sanitation Program is the safe way to low count milk and to avoid rejects. Thousands of dairymen prefer HTH-15 for sterilizing utensils and other equipment because it kills bacteria quickly, is more economical and meets the most rigid sanitary requirements.

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of the low-producing star boarders eliminating the inevitable losses they create. We can use proven sires, breeding better cows, raising the level of production, and increasing our margin of profit. We can improve our pastures, grow better feed crops, and give our cows a better change the year round. We can do a better job of feeding, giving fuller consideration to the varied needs of breeding stock, young stock, dry stock, and the producing herd. We can have better barns and better dairies permitting better care of our milk and cream, thereby improving the quality of our product and its market value. All these things are within our own control; we can do all of them if we feel their necessity; if we appreciate their advantages, and if we plan the needed cash. And in doing all these things we give security and strength to our business.

Of the many things contributing to the pleasure and success of our business of dairying, none plays a more vital role than does the feeding of our dairy herd. Feeds are the raw materials from which our finished products are made. They must be regularly supplied if the efficiency of our manufacturing units is going to be preserved and the output of finished products maintained. If we are going to have dairy cattle and milk them profitably, we must feed them wisely.

The general art of feeding dairy cattle has not greatly changed in a generation, but there have been great contributions to our fundamental knowledge of crops, crop storage, and nutritional requirements that have greatly changed the make-up of the material placed in the feed box, all to the advantage of the dairy cow, her progeny, and her owner. We have learned that quality or balance in the protein supply for the dairy herd is just as important as the total quantity of protein. What does this term "quality or balance of protein" mean? Animal proteins consist of probably 22 amides, eight of which the animal must secure in its food—the others it can probably construct; these eight may be called the essential amides. Most individual feed materials are deficient in one or more of these essential amides and so are inadequate and lack balance for fully meeting the needs of the animal; yet, fortunately, no two of the usual feed materials have the same deficiency so that in combination the weakness of each feed is offset by the other. Too great dependence upon any single feeding material for protein cannot give, through an extended period of time, satisfactory production, growth, or reproduction in our herds. In the light of this new knowledge, we discriminate in the sources of our proteins and we demand a variety at all times for best results.

Of recent years the place and function of fat in the ration of dairy animals is receiving considerable attention. Much work needs to be done in this field before definite conclusions can be crystallized. However, certain observations are in order. Edible fats or oils for human needs command prices which make their use in cattle feeding prohibitive. The function of the dairy cow is to produce a valuable edible fat from relatively low-priced forages and feeds, not to be a consumer of fats or oils; increasing fat in her ration increases her cost of milk production and defeats her primary purpose.

Dairy cattle do not readily digest and assimilate fats; high content of certain fats in the feeds of the dairy cow tends to depress the fat content of the milk and in some cases at least to depress production. Inability to dispose of fat in the circulation brings about acetonuria or ketosis, a serious malady, in many ways resembling milk fever, but more difficult to handle, all of which suggests that too much fat in the ration of the dairy cow may be too bad and that we can err in demanding a high per cent of fat in dairy cattle rations; so let us not be hasty in demanding high fat content in our feeds.

Through the years the necessity of various minerals in dairy cattle feeding has become clearer. Phosphorus and calcium play most conspicuous roles; since they are the chief part of the animal's skeleton and similarly predominate in the minerals of milk, a continued deficiency of these two minerals interferes with efficient production,

normal health and vigor, and satisfactory reproduction. Phosphorus in usable form is readily available in most high protein feeds, but with lime the situation is different, most concentrate feeds being low in lime. However, good quality leguminous roughages, especially when grown on sweet soils, all have an excellent content of lime. While authorities agree that additional minerals are unnecessary when good leguminous roughages and sufficient protein concentrates are supplied to meet the animal's needs, nevertheless, in the great majority of conditions experience indicates clearly the wisdom of adding some lime and phosphorus to the ration for safety's sake in a great variety of conditions.

Normal functioning of the thyroid gland is important in the health, production and reproduction of the dairy herd, and that normal functioning depends upon a sufficient supply of iodine. A definite lack of iodine reveals itself in the form of goiter or in weakness and lack of vitality, particularly in newborn calves. Large areas of the United States are definitely goitrous; additional areas are probably marginal in respect to their needed iodine supply, while even in those areas where there is no readily apparent lack of iodine, some additions of this element to live stock rations show positive favorable reactions on the general health and functioning of the animal.

Other minerals, sometimes spoken of as trace minerals, are essential to our live stock. The red corpuscles of the blood are based upon iron, as the name "hematin" implies, and in order to build the iron organically into the blood, copper is necessary. Perhaps herein lies one of the reasons why so many feeders esteem molasses as a feed constituent for molasses is a carrier of both iron and copper and, therefore, should be helpful as a blood builder. Certainly molasses improves the appearance and condition of the hair and skin, which finally resolves itself into a better condition of the circulation or blood. Still other trace minerals are asserting their importance, but further research is needed to clarify their function, sources, and necessity for dairy cattle.

A whole new field of live stock requirements and practical facts affecting feeding and management has been opened through the discovery of Vitamins. These are definite compounds, having definite sources and vitally definite nutritional effects. The field keeps enlarging as new compounds with definite reactions are discovered. We must know them all, their functions and their sources because of their direct bearing on animal life, production and reproduction. A complete resume of the Vitamins at this time is impossible, but a review of those vital to live stock is imperative.

Vitamin A is an important growth promoter. Without it growth lags and normal development is not realized. Vitamin A is definitely necessary to the health of the eyes, the lining membranes of the mouth and respiratory tract. A deficiency of Vitamin A results in serious ophthalmic disorders and disturbances. The sclerotic coatings and cataract-like growth commonly found with continued excessive cottonseed meal feeding is due primarily, not to the cottonseed meal, but to a lack of Vitamin A. A normal supply of Vitamin A is fundamental to dairy cattle of all ages and particularly to young stock. Vitamin A is fat soluble; it is found generously in butter fat and in many oils. Its precursor, pro-Vitamin A or Carotene from which live stock produce Vitamin A, is found in carrots, yellow corn, and all green feeds. Thus, there is a generous supply available for our mature dairy herd under good management conditions, but for calves during their first six months extra care needs to be taken to secure a sufficient supply.

Vitamin B, called thiamin, prevents loss of appetite, impaired intestinal function, and polyneuritis. It is more important in the human family than in our cattle, since whole grains and leafy vegetables all carry good supplies. It is very important with poultry.

Vitamin C is called the anti-scorbutic vitamin. It prevents scurvy or allied scrofulus affections. Its best sources for humans are lemons and citrus fruits. It does

not seem to be needed by live stock and does not get emphasis in live stock feeding.

Vitamin D is of greatest importance to all live stock, particularly to young growing stock. It is the bone builder and is called the anti-rachitic vitamin because lack of it causes rickets and its presence with a sufficient supply of minerals in the food prevents rickets. Its best sources are direct sunlight and the ultraviolet arc lamp. Cod liver oil, menhaden liver oil, and irradiated yeast are all rich in Vitamin D. Properly cured hays carry a moderate supply of Vitamin D, but the practical economical source for all live stock is exposure to sunlight. Wherever cattle are outside for a reasonable period every sunny day or nearly every sunny day, additional consideration for Vitamin D is unnecessary, but where cattle are closely housed, particularly young calves, during winter months, unless definite consideration is given to insure a supply of Vitamin D, rickets in some form is almost certain to develop and generally it shows in enlarged joints, curved legs, or an undue arching of the spine. The frequent stunting and malformation of fall and early winter calves is no longer necessary, for we know the causes and the necessary corrective measures.

Concerning Vitamin E, which contributes to satisfactory reproduction we hear considerable at times. Wheat germ oil is probably its best source. Dairy men who have reproductive problems in their herds are inclined to seek Vitamin E to help overcome their difficulties. But so many infectious factors are involved with reproductive disturbances that the picture on the plus values of a special supply of Vitamin E is not clear. In otherwise good rations there appears to be an adequate supply of Vitamin E, particularly if a reasonable use is made of wheat by-products that carry their natural fat content. Only after all other corrective efforts have failed would it seem wise to attempt to correct the difficulties of sterility by supplying Vitamin E.

Vitamin G, called Riboflavin, primarily contributes to good growth. This vitamin is particularly valuable for poultry. One of its very best sources is milk. Other sources are varied; all good pastures and quality roughages supply Vitamin G amply for dairy cattle, so that for our live stock, with good management, we need not worry over the supply of Vitamin G.

The "grass-juice factor," an otherwise unnamed Vitamin, and Vitamin K, as well as the other known vitamins we shall intentionally omit as not needing particular attention in our live stock feeding practices.

Recapitulating regarding the Vitamins for our dairy cattle, we must give special attention to Vitamins A and D for they are of vital importance for satisfactory dairying, and our feeding and management must provide ample supply of these important factors.

The older we grow, the longer we work with dairy cows, the greater is our appreciation of good pastures and the best storage of those pasture crops for winter use. Without a doubt the ensiling of grass crops marks a step forward in storage and in preserving pasture values for winter use. Experience and experiment will improve our methods, but even in its present stage this new practice of ensiling what would otherwise become hay marks progress in crop management and in dairy production.

There have been several interesting developments regarding feeding stuffs that deserve attention.

Soybean oil meal is relatively a new feed in America. Soybeans is beginning to take its place as a major crop in this country, and it will undoubtedly continue to increase in acreage and importance. Do not overlook this crop or the by-products derived from it. Soybeans makes an excellent hay, being practically equal in value to alfalfa.

The beans are high in protein and in fat and will grow in use in dairy feeding. Already the extraction of soybean oil is a thriving industry from which we have the residue soybean oil meal, which carries from 41 to 49% protein, according to the method

Dairymen!



ANNOUNCES NEW "DROP-IN" MILK COOLING UNIT

REALIZING the need for a milk cooling unit which may be readily adapted to any standard make of milk cooling cabinet on the market at the present time, FRIGIDAIRE has developed a drop-in type unit. This unit consists of a cylindrical type evaporator through which the water bath in the cabinet is cooled and circulated by means of an agitator pump. The unit is controlled by a thermostatic switch and has a cold control so that temperature can be adjusted by the user.

This new Frigidaire equipment can be purchased at such low prices and easy terms that your increased earnings and savings on low operating cost will soon pay for it. Get the facts and full details. *Write TODAY!*

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of extraction. The soybean protein is about the best balanced single protein available. It can be used generously wherever high proteins are needed, and its use improves the quality and balance of proteins in blended feeds. The resulting soybean oil meal from the different methods of extraction are quite different in character and analysis but, broadly speaking, all soybean oil meals are good and desirable sources of protein.

There has been a marked increase in the use and appreciation of molasses in the feeding of most classes of livestock. Molasses is a good source of carbohydrates in available and easily digested form and generally can be bought reasonably. Molasses gets its greatest use when other feeds are scarce and costly. It may be used liberally without undesirable effects, but even when feeds are plentiful, some molasses in rations gives a very fine account of itself. It seems to benefit the circulation as reflected in the hair and skin. The reasons are not fully known, though the fact is well established. Probably the Vitamin content, the sugars, and the minerals each contribute to the plus values gained from molasses. Feeders and dairymen know the advantage from molasses and in most rations whether home-mixed or otherwise molasses has its place.

Oats have always been appreciated by our better live stock breeders as the very best grain for young stock, growing stock, and breeding stock. That value is receiving renewed emphasis until most good dairymen, whether they are breeders or not, seek oats or oat values in all their rations.

In the last few years the place and value of oat mill feed has been accurately determined in the feeding of all types of livestock. It is a widely usable feed. It competes with hay, having 78% the value of alfalfa and 96 to 100% the value of good grass hays. It competes with oats and bran in dairy mixtures and combined with molasses gives wide service. Oat mill feed contributes definitely to economic production of livestock and livestock products.

In the business of dairying, feeds are our raw products; they must be continuously and adequately supplied to maintain regular and profitable production. The quality, quantity, balance, and completeness of the feed supply determines the efficiency of the productive dairy herd. Constant additions to our knowledge of feeds and feed requirements make our feeding practice more precise, improve our technique, enable us to develop better young stock, to maintain our milking herds in better health for longer service periods and at higher levels of production. When we give consideration to the quality and balance of our proteins, to what is sensible in fats, to the various needed minerals, to the essential Vitamins, to quality roughages, and to adequacy from every angle, our problems of feeding become fewer and our success, pleasure, and profits in our business increase.

REPORT OF THE SECRETARY

The year of 1938 has shown a nice increase in membership over 1937. Mr. C. R. Gearhart, chairman of the Membership Committee, and his assistants, Mr. Sidelmann and many cow testers, have done a good job arousing interest in our Association and securing membership. Your secretary also made a direct appeal by letter to delinquent members to pay their dues and a check on the response shows 123 added members from this effort, which did more than justify the mailing and expense.

However, for 1939 your officers hope still more dairymen will support this organization. In checking up the paid memberships for the last ten years, I find the following:

THE PENNSYLVANIA DAIRYMEN'S ASSOCIATION

1928.....272	1934.....428
1929.....301	1935.....417
1930.....315	1936.....416
1931.....355	1937.....227
1932.....361	1938.....361
1933.....346	

We feel proud of the year book for 1938, every paid membership having been mailed a copy. This, as you know, contains valuable information to every dairyman, and is, itself, worth all the yearly dues cost. I was able to secure "ads" to the amount of \$345, of which \$317 has been paid, and the cost of year books \$347.50. I am sure, if more time and effort were applied to securing advertisers, the full cost could be absorbed. We are grateful to our advertisers for their support, and hope they may continue same.

Your Pennsylvania Dairymen's Association has taken active part in the following interests of dairymen of Pennsylvania:

Bang's Disease Appropriation.

Farm Show Classifications and Rulings.

Provided and distributed Ribbon Awards to all herds in D. H. I. A. work over 300 fat, and this year, (the late Prof. Fitts) honoring the owners of life-time producing cows of 3,000, 4,000, and 5,000 fat, with certificates. Those owners of the 5,000 lb. producers were presented with these certificates last evening at our Annual Banquet. Much credit is due Bob Ulmstead and Messrs. Gearhart and Sidelmann, for their careful work in preparing and securing the required figures and information. The 1939 Year Book will contain full lists and information on these awards.

Your Executive Committee met on October 8th, 1938, and made plans for this meeting, last night's banquet and entertainment, and the following committees were also appointed:

BANQUET AND ENTERTAINMENT COMMITTEE

Warren Whittier, Chairman
Sam Williams
Chas. Cowan
Dr. Fisher, Pittsburgh Dairy Council
Herb Sealey
Bob Olmstead

NOMINATING COMMITTEE

Frank Gorham, Chairman
Chas. Chaffee
Ben Welty
B. D. Harvey
H. K. McCullough
Noel Card
Miss Irma Wholwend

AUDITING COMMITTEE

A. O. Sidelmann, Chairman
Warren Bucher
Carl Johnson

RESOLUTIONS COMMITTEE

Robert Eno, Chairman
Willis Hunsburger
Sam Williams
Ben Welty

G. A. BURDICK, Secretary,
Pennsylvania Dairymen's Asso.

FINANCIAL REPORT

January 1st, 1939.

RECEIPTS

January 1st, 1938—Balance on hand in First National Bank of Wrightsville, Pa., per audit of January 20th, 1938.....	\$ 294.86
Cash Received for 1938 Banquet Tickets (Mr. Cowan) 201 tickets at \$1.25.....	251.25
Received from "Ads" for the 1938 Year Book.....	317.00
Received for "Ads" for the 1939 Year Book.....	10.00
Received for Dues—360 at \$1.00; 1 boy at 25c; 1 at \$1.00 (1939).....	361.25
TOTAL	\$1,234.36

DISBURSEMENTS

Check No. 16—Bill for Postage.....	3.00
Check No. 17—Mrs. B. J. Rice, 1938 Banquet.....	275.00
Check No. 18—B. Johnstone Wallace, traveling expenses (speaker at 1938 meeting)	29.50
Check No. 19—Horace F. Teuple, tickets.....	4.00
Check No. 20—E. J. Perry, traveling expenses (speaker at 1938 meeting) ..	15.00
Check No. 21—Kyle Printing Co., Letterheads and Envelopes.....	58.00
Check No. 22—Isler Thompsett, Award Certificates.....	82.75
Check No. 23—Postage, Outgoing Reports, etc.....	22.20
Check No. 24—U. S. Stamped, Return Addressed Envelopes.....	17.64
Check No. 25—U. S. Stampel, Return Addressed Envelopes.....	4.65
Check No. 26—Kyle Printing Co., 700 Year Books.....	347.50
Check No. 27—Kyle Printing Co., 1 M Reg. Cards.....	4.50
Check No. 28—S. K. McElroy, Stenographic Services.....	10.00
Check No. 29—100 Post Cards	1.00
Check No. 30—The Athletic Store, Dies and Seals.....	15.00
	<hr/>
	\$ 889.74
Paid by Cash, Samuel Stemutz, Speaker 1938 Banquet.....	57.50
Paid by Cash, Telegrams and Telephone Tolls.....	3.00
	<hr/>
TOTAL	\$ 950.24
January 1st, 1939—Balance on Hand.....	\$284.12
Balance for Year Book Ads—Lonicera Farms, \$18.00; Louis Merryman, \$10.00.	
All presented and known bills are paid.	

G. A. BURDICK, Secretary,
Pennsylvania Dairymen's Asso.

The undersigned auditors have gone through the various items of the Secretary's report, bank books, receipts, etc., and have found it correct in every detail.

CARL JOHNSTON,
WARREN BUCHER,
I. O. SIDELMANN,
Auditors.

AWARDS

INTERSTATE MILK PRODUCERS CO-OPERATIVE awarded:

Silver cup to member having high score on milk in show. 94.55 score.
To Nelson Neyman, Oxford, Pa.

NATIONAL Ayrshire Breeders Association awarded:

High Herd Test Herd to Sycamore Farms, Douglassville, Pa.
Herd Average (54 cows) 11,056 lbs 4.27% milk, 472 lbs. fat.

High D. H. I. A. Herd to Charles C. Baker, Halifax, Pa.
Herd Average (19 cows) 10,418 lbs. milk, 419 lbs. fat.

Highest Scoring Ayrshire Milk award to J. Hanover Baldwin, Cochranville, Pa.

SYCAMORE FARMS, Douglassville, Pa., awarded:

\$100.00 to Penn Ayr Farms, Camp Hill, Pa.
Best Female exhibited at Farm Show, bred by exhibitor.

PENNSYLVANIA JERSEY CATTLE CLUB awarded:

Cup for 4-H winner in showmanship contest.

Winner: Hobart Swart, Washington County.

Cup for Best Jersey Animal in 4-H Club exhibit.

Winner: Virginia Saufley, Hummelstown, Dauphin County.

AMERICAN JERSEY CATTLE CLUB awards:

For 4-H Members excelling in showmanship contest—

1st Prize—Gold Medal: Hobart Swart, Washington County.

2nd Prize—Silver Medal: Perry Pherson, Lawrence County.

3rd Prize—Bronze Medal: Virginia Saufley, Dauphin County.

AMERICAN JERSEY CATTLE CLUB awarded:

Cup for Best Group in 4-H. Winner: Washington County.

PENNSYLVANIA JERSEY CATTLE CLUB presented the following:

Gold Model Jersey Cow for high Registered Jersey Herd in D. H. I. A.
Won by Riverridge Farm, Franklin, Venango County.
Average (7 cows) 8,629 lbs. milk 5.4%, 467.9 lbs. fat.

Gold Model Cow for high herd in Herd Improvement Registry.
Won by W. A. E. Leitzinger, White Oaks Farm, Clearfield County.
Average (19 cows) 7,849 lbs. milk, 5.5%, 428.9 lbs. fat.

Gold Model Cow for High Register Merit cow.

Won by Erdenheim Stellaris 1150601.

Owner, George D. Widener, Chestnut Hill.

Record AAA 305 days, 1 yr. 11 mo., 9,702 lbs. milk, 5.1%, 495.2 lbs. fat.

Gold Model Cow for Highest Scoring Jersey Milk produced by Registered Jersey Herd.

Won by Clyde Houck, Clymer, Indiana County. Score, 94.0.

PENNSYLVANIA FEDERATION OF HOLSTEIN-FRIESIAN CLUBS awarded:

To H. M. Cater, Hummelstown, Pa.

A Gold Medal for the highest scoring sample of milk from a purebred Holstein herd under supervision for T. B. and Bang's Disease.

To Western Penitentiary, Bellefonte, Pa.

A plaque for the highest average production in D. H. I. A. in Pennsylvania in 1938, by a Holstein herd, 79.9 cows, 16,818 lbs. milk, 584.8 lbs. fat.

To Willis M. Hunsberger, Plumsteadville, Pa.

A plaque for the highest average production attained in the Herd Test in Pennsylvania in 1938.

PENNSYLVANIA GUERNSEY BREEDERS' ASSOCIATION awarded during the Pennsylvania Farm Show:

1. Highest producing registered Guernsey herd in D. H. I. A. during 1938 (15 producing cows or over), a Silver Tray won by H. S. Schutt, Chester County.
2. Highest producing registered Guernsey herd in D. H. I. A. during 1938 (15 producing cows or less), Silver Tray won by A. J. Bullers, Jefferson County.
3. Highest score milk exhibit from Registered Guernsey herd, a Guernsey Cream Jug, won by Gwynllan Farms, Montgomery County.
4. Highest score for milk exhibit from Registered and Grade Guernsey herd, a Guernsey Cream Jug, won by George Thomas, III, Estate, Chester County.

Other prizes awarded are:

1. Highest score milk exhibit Golden Guernsey producing herd, won by James T. Hastings & Sons, Lancaster Pa., awarded by Pennsylvania Guernsey Association, a Guernsey Cream Jug.
2. Second prize 4-H Guernsey Fitting and Showing Contest, won by Amelia Jane Stewart, Belle Vernon, Pa., Westmoreland County, awarded by the Pennsylvania Guernsey Breeders' Association, an engraved Guernsey Cream Jug.

An engraved Guernsey Cream Jug was awarded by the American Guernsey Cattle Club to Leon A. Shook, Sligo, Clarion County, as first prize in the 4-H Guernsey Calf Club Fitting and Showing Contest.

An engraved Guernsey Cream Jug was also awarded to Duane Stahlman of New Bethlehem, Pa., by James T. Hastings of Kirkwood, Pa., as third prize in the 4-H Guernsey Calf Club Fitting and Showing Contest.

Arthur H. Kreider of Fairview Farms, Cornwall, Pa., won the liberal Cash Herdsman Prize awarded by George C. Klauder, Penllyn, Pa., President of the Pennsylvania Guernsey Breeders' Association, for the best kept and most attractive Guernsey herd exhibit during the Farm Show.

All prizes were engraved.

OFFICERS OF THE ASSOCIATION
FOR THE YEAR 1939

President—ROBERT D. MARSHALL, Beyer, Pa.

Vice-President—VICTOR A. HOUSTON, Northampton, Pa.

Secretary-Treasurer—CHAS. E. COWAN, 32 Parkside Ave., Lancaster, Pa.

Ass't. Secretary-Treasurer—LEE M. POORBAUGH, York, Pa., R. D. 3

EXECUTIVE COMMITTEE

JOSEPH CANBY.....Hulmville, Pa.

WILBUR F. BARKDOLL.....Mt. Alto, Pa.

HERBERT SEELEY.....Knoxville, Pa.

M. C. BRODERICK.....Mansfield, Pa.

KENSEY S. BAGSHAW.....Hollidaysburg, Pa.

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RESOLUTIONS

The following resolutions were presented by the Chairman of the Resolutions Committee at the annual meeting held in Harrisburg, January 19, 1939:

RESOLUTION NO. 1

To the Pennsylvania Farm Show Commission:

WHEREAS: The third week of January each year has been set as Farm Show Week, and whereas, during this same week the State Legislature is in session and in certain years the inauguration of the incoming administration brings huge crowds to Harrisburg, overtaxing the facilities of the city and causing discomfort to Farm Show visitors.

THEREFORE, BE IT RESOLVED: That the Pennsylvania Dairymen's Association favors advancing the date of the Farm Show to the 2nd week of January, giving farmers and other visitors to the Show a better opportunity to secure lodging accommodations, and in general, to get more out of the Farm Show.

RESOLUTION NO. 2

To the Farm Show Commission:

THE PENNSYLVANIA DAIRYMEN'S ASSOCIATION

1. That the dairy cattle exhibit be arranged to provide more space between the rows of cattle in the dairy barn.
2. That if the dairy cattle are to remain in the present building, that some means be found to prevent direct drafts caused by opening outside doors directly on the cattle.
3. That some means be found to improve acoustic properties of the meeting rooms, or else return the sessions of this Association to their former meeting rooms.

RESOLUTION NO. 3

To the Secretary of Agriculture and the Bureau of Animal Industry:

The Pennsylvania Dairymen's Association requests that in the near future a conference be arranged between the Secretary and officials of the Bureau of Animal Industry, with representative breeders from the various breed Associations, and this Association, to discuss disease quarantine regulations and other aspects of our disease control program.

RESOLUTION NO. 4

WHEREAS: The Bang's Disease elimination program carried on by the Pennsylvania Bureau of Animal Industry has been expanded to include area testing on a county basis,

AND WHEREAS, Bang's Disease has and is causing great loss to dairymen throughout the State, which can be avoided only by an adequate testing program such as is contemplated under the area plan,

AND WHEREAS: Present funds available to pay the State's share of indemnity for condemned animals are inadequate to allow the program to proceed as rapidly as it should, thus depriving dairymen of the opportunity to test their herds,

AND WHEREAS, Present laboratory facilities are also inadequate to carry on the work of testing,

THEREFORE, BE IT RESOLVED: That the Pennsylvania Dairymen's Association appeal to the legislature for adequate funds to pay indemnities to herd owners suffering losses and also to provide increased laboratory facilities for testing blood samples,

AND BE IT FURTHER RESOLVED: That in view of the anticipated increase in testing, due to the area plan now being put into effect, the legislature recognize that a considerably increased appropriation will be necessary to carry on this most valuable work during the coming years.

AND BE IT FURTHER RESOLVED: That dairy herds now certified as free from Bang's Disease, on an individual herd basis, be permitted to continue to operate on an individual basis if they so desire, even though the County in which they are located should become a Bang's Free Area.

RESOLUTION NO. 5

WHEREAS: Dairy farmers throughout the State of Pennsylvania are disturbed by the many and conflicting requirements of various Boards of Health representing consumers in the many municipalities and cities of the State,

AND WHEREAS, Farmers are required to lay out large expenditures of money to satisfy the requirements of these various inspection codes.

AND WHEREAS, Farmers are annoyed by the frequent inspections made by Agents of the various municipalities in which their product may be marketed,

THEREFORE, BE IT RESOLVED: That the Pennsylvania Dairymen's Association favors the standardization of inspection practices, the elimination of duplicate inspections, and simplification of the score card used in scoring dairy farms, retaining only those features that have a practical application in protecting public health.

AND BE IT FURTHER RESOLVED: That we urge a conference of all dairy groups in the State, to design a sanitation law containing a simple method of scoring dairy farms which will be satisfactory to dairymen and public health authorities, and prescribe the maximum requirements which may be imposed on dairymen.

WHEREAS: Homogenized milk is being introduced into many markets, and since this milk has no creamline, the public cannot judge its butterfat content; and butterfat tests indicate that the butterfat content of this homogenized milk is being lowered.

THEREFORE, BE IT RESOLVED: That the minimum butterfat content be indicated on the cap so that the public may not be misled.

AND BE IT FURTHER RESOLVED: That all ingredients used in the manufacture of homogenized milk meet the same sanitary requirements as other fluid milk marketed in the same area.

RESOLUTION NO. 6

WHEREAS: For many years the dairymen of the State have greatly benefitted from the untiring work of our friend, Charlie Gearhart.

AND WHEREAS: Charlie has suffered ill health for several months and is unable to be with us this year,

BE IT RESOLVED: That this Association, in annual convention assembled, expresses its sympathy to Mr. and Mrs. Gearhart, and offers its earnest best wishes for his speedy recovery to the end that he may be back with us next year to resume his valued services to the dairy industry.

RESOLUTION NO. 7

WHEREAS: Resolved that the Pennsylvania Dairymen's Association go on record in appreciation of the services Dean Watts has rendered the dairy farmers of this State, through his wise and loving work of many years as Dean of the School of Agriculture at Penn State. We wish him many happy years in his new work, now that he has retired, and take pleasure in voting him a lifetime, honorary membership in this Association.

The above resolutions are recommended and approved, and respectfully submitted by your Committee:

ROBERT ENO, *Chairman*
WILLIS HUNSBERGER
SAM WILLIAMS
BEN WELTY

Each resolution was approved by vote of meeting.

DAIRY HERD IMPROVEMENT ASSOCIATION HERD HONOR ROLL, 1938

Compiled by I. O. SIDELMANN

One thousand two hundred and sixty-nine herds qualified for this honor. The awards were divided into three groups according to amount of production; 626 red ribbons were awarded for herd averages between 300 and 350 pounds of butterfat; 430 blue ribbons for averages between 350 and 400 pounds of butterfat; and 213 purple ribbons for averages above 400 pounds of butterfat. Following is a list of these members arranged according to association membership and production average:

ADAMS COUNTY—(Adams Association)

John F. Yocum, Tester, Court House, Gettysburg, Pa.

Name	Address	Av. No.		Breed	Lbs.	
		Cows			Milk	Fat
Mrs. Annie Markle.....	New Oxford	8.00	RH		10,188	347.2
George E. Motter.....	Littlestown	17.84	R:GrH		9,556	330.3
Mrs. Rose Murren.....	Hanover No. 4	17.72	R:GrH		7,138	328.4
Hiram H. Miller.....	Fairfield	10.02	RH		9,445	322.2
Edgar Weaner.....	Gettysburg	29.56	RH		9,590	321.4
W. Clayton Jester.....	Biglerville	12.19	R:GrG		6,816	314.5
Roy W. Bream.....	Gettysburg No. 2	15.24	RA		7,619	300.0

ALLEGHENY COUNTY—(Allegheny Association)

Alfred Shingledecker, Tester, 439 Union Ave., Ingram, Pittsburgh, Pa.

Dundee Farm.....	Sewickley	6.52	RG		9,046	463.6
Franklin Farm.....	Sewickley	8.56	RH:RG		9,562	456.9
Fairacres Farm.....	Sewickley	10.92	RG		9,344	433.0
J. F. Byers.....	Sewickley	4.59	RG		8,506	431.2
J. H. Wilson & Sons.....	Clinton, R. D. 1	14.78	RH		12,512	403.4
Elmer N. Stoner.....	Wilkesburg, R. D. 1	25.76	Mix		10,120	390.1
Robert Reiter.....	Turtle Creek	13.31	RH		10,534	389.2
John D. Bamford.....	Midway	20.88	RJ		7,471	382.6
Allegheny County Home...	Woodville	121.97	RH		10,590	376.9
Joseph W. Cain.....	Bulger, R. D. 1	15.95	RJ:Mix		7,810	368.9
Allegheny Co. Workhouse..	Blawnox	52.80	RJ		6,522	347.9
C. L. Beares.....	Hookstown, R. D. 2	14.83	RJ		6,927	342.4
Newsome Feed & Grain Co..	Coraopolis	16.92	Gr:RH:GrG		8,456	331.8
Harry O. Bock.....	McDonald, R. D. 2	13.76	RJ		5,719	328.6
Sunny Slope Farm.....	Coraopolis, R. D. 2	11.01	R:GrG		7,315	319.4
H. A. Berry.....	Imperial	12.13	R:GrJ		7,315	319.4
John G. Seabright.....	Bulger	36.84	Mix		7,693	305.6

One herd with less than an average of 5 cows produced over 300 lb. of butterfat

ALLEGHENY COUNTY—(Elizabeth Association)

Allen Sollenberger, Tester, c/o Agri. Ext. Office, Uniontown, Pa.

F. L. McKinney.....	Elizabeth	14.56	RH:RG		11,781	432.7
E. B. Douglas.....	Elizabeth	9.30	RG:RH		7,551	343.8
J. D. Guffey.....	Elizabeth	21.22	RH		9,852	339.6
C. E. Mowry.....	Willock	18.85	GrG		7,325	318.6
Henry Hofmeister.....	Monongahela	13.42	RH		8,567	310.6
A. P. Peairs & W. B. Scott..	Elizabeth	31.20	RH		8,913	300.0

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KEEPS BOTTLE MOUTH
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CLEAN**

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ARMSTRONG COUNTY—(Armstrong County No. 1 Association)

Roy L. Isenberg, Tester, Kittanning, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
L. O. Hetrick	Mahoning, R. 1	8.05	R:GrG		8,162	414.7
*Harry Koenig	Tarentum, R. 1	13.58	RH		10,920	391.4
J. M. Reed	Kittanning, R. 3	35.44	RG		7,798	378.8
R. D. Marshall	Beyer	24.09	RH		10,778	372.4
C. B. McNees & J. F. Shaffer	Kittanning, R. 3	13.82	RG		7,106	351.9
H. S. Hogg	Worthington, R. 2	22.01	Mix		7,553	308.7
H. C. Lewis	Kaylor	35.22	P:GrH:GrG		8,180	307.0

* Three times milking. Part of herd only.

BEDFORD COUNTY—(Bedford County Association No. 1)

Merle Miller, Tester, Schellsburg, Pa.

McKinley Woy	Everett, R. 4	7.29	RG		9,667	443.9
Thomas Donaldson	Hopewell, R. D. 1	20.56	R:GrJ		8,217	412.6
J. Paul Stein	Everett	10.79	R:GrJ		8,115	411.2
S. L. Cessna	Bedford, R. D. 4	19.67	R:PH		11,615	407.4
Walter F. Schell	Schellsburg	12.84	GrJ		7,657	404.6
Arthur Woy	Everett, R. D. 4	12.38	GrG		8,561	380.5
S. Harry Markey	Loysburg	7.45	GrG		8,327	368.5
Mrs. Francis Baker	Everett	16.41	R:GrJ		6,893	367.9
Stanley A. Koontz	Bedford, R. D. 4	28.84	RJ		7,165	365.1
Livengood Bros.	Bedford, R. D. 4	10.78	Mix		9,049	356.7
J. Edw. Miller & Sons	Midland, Md.	22.67	RJ:RH		9,219	354.2
C. E. Llewellyn	Midland, Md.	24.32	R:PH		9,471	352.8
Swartzwelder Bros.	Breezewood	11.64	R:GrJ		6,770	350.0
Carl W. Garland	Buffalo Mills	15.20	RH		9,068	341.6
Ivan Wilson	Midland, Md.	12.71	GrG:M		7,700	340.3
C. E. Koontz	Bedford, R. D. 4	14.02	RJ		6,021	334.0
J. J. Fritz	New Buena Vista	15.83	R:GrG		6,499	330.8
M. R. Llewellyn	Midland, Md.	21.23	GrH		8,799	317.6
C. A. Koontz, Jr.	Bedford, R. D. 4	13.45	R:GrJ		5,946	313.0
Street & Oster	Bedford, R. D. 3	16.42	R:GrJ:H		6,979	312.4
O. R. McEldowney	Everett, R. D. 2	13.15	GrJ		5,785	302.0
Water Brooks Farm	Schellsburg	29.83	RJ		5,552	301.0

BEDFORD COUNTY—(Bedford County Association No. 2)

Irvin Miller, Tester, New Enterprise, Pa.

Wilbur J. Little	New Enterprise	16.53	P:GrJ		8,352	428.5
Ralph B. Furry	New Enterprise	13.12	R:GrJ		7,560	417.9
Ransom Furry	New Enterprise	16.35	R:J:G		8,167	406.7
Lewis R. DeShong	New Enterprise	8.70	Mix		8,046	396.1
Amer D. Mountain	New Enterprise	10.85	GrG:M		7,575	385.2
Paul I. Detwiler	New Enterprise	18.82	Mix		8,880	367.4
Charles A. Baker	New Enterprise	9.89	Mix		7,464	366.9
Luther Amick	New Enterprise	21.66	GrG:M		7,529	343.1
Lee F. Kagarise	New Enterprise	17.09	GrG		7,363	337.2
James Steele	New Enterprise	17.52	Mix		7,254	336.4
D. Luke Bowser	New Enterprise	12.41	Mix		8,107	335.3
Albert B. Replogle	New Enterprise	15.51	Mix		7,845	334.7
D. M. Bayer	Loysburg	24.70	Mix		6,987	318.4
Cyrus Furry	New Enterprise	12.00	GrH:M		7,005	306.2
Charon Replogle	Woodbury	34.67	Mix		7,598	305.3

BERKS COUNTY—(Central Berks Association)

Nathan Hoppes, Tester, West Leesport, R. No. 1

Martin Wolfskill	Bernville, R. 2	29.08	GrH		11,367	381.9
Walter Spatz	Bernville, R. 2	17.67	RH		10,556	370.1
Henry Phillips	Mohrsville	22.15	GrG		7,479	367.8
Wilmer J. Althouse	Mohrsville	16.94	R:GrH		9,463	363.5

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
James W. Phillips	Centerport	15.99	R:GrH		9,877	349.0
Herbert Zweigiz	Hamburg, R. D.	15.75	R:GrH		10,379	348.0
Raymond Faust	West Leesport	17.67	Mixed		8,548	339.7
Harvey Mathias	Bernville, R. 1	19.51	R:GrH		10,131	336.7
Frank P. Althouse	Hamburg	10.95	R:GrH		9,677	335.4
Philip M. Mertz	Kutztown, R. 1	15.01	R:GrH:GrG		9,473	334.4
Robert J. Williams	Reading, R. 2	19.58	GrH		9,398	324.8
Daniel E. Heffner	Reading, R. 2	19.90	R:GrH:GrJ		8,614	315.7
Irvin K. Miller & Son	Kutztown, R. 1	21.41	GrG:GrH		7,071	311.6

BERKS COUNTY—(Northern Berks Association)

John T. Pence, Tester, Court House, Reading, Pa.

*Lewis Duerr	Bernville	15.22	RH		11,514	384.7
Moorefield Farm	Lancaster	25.33	R:GrG		8,419	380.4
David Moll	Hamburg	22.96	R:GrH		10,708	359.3
Raymond Delong	Bowers	29.99	RG		7,364	357.8
Fred Fisher Farms	Kutztown	30.10	RH:Mix		9,159	339.6
**Walter Binkley	Lititz, R. 4	18.91	RG		7,207	332.6
Howard Lutz	Kempton, R. 2	12.05	R:GrH		10,082	326.0
John A. Kalbach	Shartlesville	49.81	RH:R:GrG		9,535	324.0
Walter George	Lenhartsville	14.38	RH		8,926	317.0
Paul R. Anthony	Strausstown	40.10	RH:RG		8,149	314.7
Paul Kohler	Hamburg	22.37	R:GrG		6,553	310.8
Log Cabin Farms	Lititz	40.67	RJ		6,043	309.9
Floyd Merkel	Hamburg	21.65	R:GrH		8,899	307.4

* Three times milking for 7 months.

** Part of herd milked three times for 4 months.

BERKS COUNTY—(Western Berks Association)

Lester W. Seidel, Tester, Virginville, Pa.

*J. Barlow Cullum Est.	Reading, R. 2	35.26	RG		8,955	451.1
*Flying Hill Farms	Reading, R. 1	60.56	RG		9,387	440.5
*Lonciera Farms	Douglassville	62.47	R:GrG		8,238	413.3
W. H. Dreibelbis Sons	Shoemakersville	20.35	R:GrG		7,331	365.5
Charles Ritzman	Sinking Springs	18.56	RH		11,174	361.3
I. I. Wells	Pottstown, R. 1	32.10	RG		6,761	361.3
*State Hospital	Wernersville	78.41	GrH		10,340	348.4
Paul Degler	Sinking Springs	24.81	R:GrH		10,088	330.8
Bethany Orphans Home	Womelsdorf	22.08	R:GrH		10,063	330.8
*Belle Alto Farms	Wernersville	176.19	R:GrG		6,597	317.9
Belle Alto Farms	Wernersville	137.31	R:GrG		6,730.4	314.42

* Three times milking.

BLAIR COUNTY—(Blair Association)

Wm. F. Sankey and Kenneth Sollenberger, Testers, Hollidaysburg, Pa.

J. W. Burket & Son	Tyrone, R. D.	14.86	R:GrG		9,170	451.6
D. A. Morrow	Tyrone, R. D.	13.87	RG		8,472	438.0
W. H. Pease	Tyrone, R. D.	18.12	R:GrG		8,757	406.5
L. K. Sollenberger	Curryville, R. D.	16.90	R:GrG		7,735	395.9
Emory Sollenberger	Williamsburg, R. D.	9.74	RH		10,422	380.0
John Sollenberger	Martinsburg, R. D.	12.58	R:GrG		7,467	372.8
Oak Manor	Martinsburg, R. D.	10.05	R:GrG		7,646	361.2
Herbert Bridenbaugh	Martinsburg, R. D.	31.00	Mix		8,067	350.0
Preston Smith	Martinsburg, R. D.	11.06	RH		8,841	342.4
Ira Creps	Martinsburg, R. D.	13.56	Mix		6,624	342.4
G. Clair Smith	Martinsburg, R. D.	17.20	RH		8,888	329.8
K. S. Bagshaw	Hollidaysburg, R. D.	14.64	RSw		7,726	315.4
John Lloyd, Jr.	Hollidaysburg, R. D.	12.67	R:GrG		6,050	314.0
Oliver C. Ritchey	Martinsburg, R. D.	39.87	Mix		6,714	313.3

Name	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Miles C. Bagshaw.....	Hollidaysburg, R. D.	13.54	R:BrSw	7,428	309.2
Blair County Home.....	Hollidaysburg, R. D.	24.07	R:GrH	8,222	297.6
Elmer Leighty.....	Duncanville	11.05	R:PG	5,984	294.0
Wm. B. Montgomery.....	Duncanville	11.91	R:GrG	5,976	286.5
J. M. Delozier.....	Hollidaysburg	15.59	RBSw	6,247	265.8
M. A. Sankey.....	Hollidaysburg	9.00	Mix	6,583	259.6
*Alva Long.....	Portage, R. D.	62.26	R:GrG	5,265	255.4
Lester Longnecker.....	Williamsburg	20.62	R:GrH	6,449	247.9

* Part of herd milked three times daily.

BRADFORD COUNTY—(Canton Association)

Clifton Erway, Tester, Canton, Pa.

*R. G. Williams & Sons.....	Canton	14.54	RH	12,512	436.8
Clarence Spencer.....	Canton	18.01	GH	11,019	406.7
T. M. Watts.....	Canton	18.48	R:GH	10,905	402.6
Elwin Baldwin.....	Canton	14.95	R:GH	11,197	401.8
H. G. Wright & Son.....	Canton	16.39	R:GG	7,682	374.4
B. D. Landon.....	Canton	6.08	RH	11,102	373.5
George Landon.....	Canton	5.91	R:GH	10,172	363.4
R. H. Fleming.....	Troy	24.08	RH	9,955	360.4
Emmer Pepper.....	Granville Summit	11.29	RH	10,392	358.1
Thomas Owens.....	Canton	15.43	R:GJ	6,888	350.2
Jack Huffman.....	Canton	16.39	R:GH	9,695	342.6
T. A. Dodge & Son.....	Monroeton	17.47	PJ	6,377	329.0
John L. Brackman.....	Canton	16.43	R:GG	6,904	325.6
G. H. Moody.....	Canton	7.63	RH	8,649	319.9
John A. Swingle.....	Canton	16.37	R:GJ:GH	7,123	318.9

* Three times milking.

BRADFORD COUNTY—(Laurel Hill Association)

Leon Musser, Tester, c/o County Agent, Towanda, Pa.

F. W. Gorham.....	Wysox	17.16	RH	11,200	402.7
Royald D. Slater.....	Towanda	16.90	R:GH:GJ	9,805	368.9
George W. Canfield.....	Troy	20.43	RH	9,921	352.9
Bradford Co. Home.....	Stevensville	16.30	R:GH:GJ	8,854	333.3
Lewis Landmesser.....	Monroeton	17.73	GH:GJ	8,198	331.7
F. O. Kuhns.....	Towanda	11.25	RA	8,366	327.9
G. Albert Dewing.....	Oswego, N. Y.	23.58	R:PG	6,584	321.2
*Fox Chase Farms.....	Towanda	176.56	R:GH:GG	8,105	303.0

* The cows in this herd are milked three times daily as long as their production warrants it. Since the number of months varies with individual cows, it is impossible to state the number of months.

BRADFORD COUNTY—(Troy Association)

Russel Hicks, Tester, Troy, Pa.

*Paul Hicks.....	Granville Summit	11.52	R:GH:GJ	11,175	421.8
Ellery Beach & Son.....	Columbia Cross Rds.	16.64	RH	10,828	400.0
Earl Sturdevant.....	Wellsburg, N. Y.	13.00	R:GH:GG	11,596	400.0
Ben Ballard & Son.....	Troy	19.91	RH	11,026	390.1
Thomas Calkins.....	Troy	15.23	RH	9,366	330.8
H. B. Wilcox.....	Milan	14.19	P:GJ	5,800	308.2

* Three times milking for 7 months.

BRADFORD COUNTY—(Ulster Association)

Paul F. Dorr, Tester, Milan, Pa.

H. G. von Wolfradt.....	Athens	18.02	RJ	8,089	441.4
Damon R. Young.....	Milan	19.49	RJ	7,232	400.1
G. E. Harris.....	Milan	11.32	RJ	6,773	392.1

Name	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
H. J. Layman.....	Ulster	17.17	R:GHR:GJ	9,659	386.2
Chas. S. Chaffee.....	Ulster	22.65	RH	10,205	384.6
M. R. & H. B. Humpton....	Milan	11.17	RJ	6,593	370.0
H. W. Russell.....	Orwell	15.75	R:GH	9,398	369.7
*Clarence W. Beach.....	Columbia Cross Rds.	14.38	RH	10,128	365.1
G. E. Bellantine.....	Milan	11.20	RJ	6,233	341.3
**Alvin Huff.....	Milan	10.00	RJ	6,200	341.4
L. A. Harris.....	Milan	13.44	RJ	6,000	341.0
I. P. Chaffee.....	Towanda, R. D. 5	21.33	RJ	6,336	340.3
F. N. Nichols.....	Rome	20.72	R:GH	9,830	337.6
H. C. Shores & Son.....	Milan	29.09	R:GH:GJ	8,705	336.6
E. A. Keeler.....	Milan	11.00	RJ	6,511	329.4
M. B. Chilson.....	Nichols, N. Y.	14.25	R:GH	9,057	326.1
C. P. Colegrove.....	Ulster	18.66	RJ:GH	7,323	325.6
W. J. Bryan Cooper.....	Athens	17.16	R:GG:GH	7,598	322.4
Raymond B. Arnold.....	Milan	27.29	R:GH:Mix	7,994	308.4
C. J. Bresee.....	Ulster	18.31	RJ	5,949	306.0
M. G. Pipher & Son.....	Towanda, R. D. 5	21.72	Mix	6,583	303.4

* Part of herd three times milking.

** Record made in 11 months.

BRADFORD COUNTY—(Western Bradford Association)

Frank Fleming, Tester, Troy, Pa. (Resigned)

William Himka, Tester, P. O. Box 181, Troy, Pa.

Millard Sterling.....	Gillett	13.88	R:PJ	6,775	375.4
J. W. Burnham.....	Troy	16.12	RH	10,572	374.1
Philip Isaacs.....	Canton	18.52	RH:R:GJ	9,312	370.8
Harold Roy.....	Gillett	22.18	GG	7,304	362.4
Geo. & Mark Scott.....	Troy	20.36	R:GH	9,950	360.3
*W. L. Packard.....	Granville Summit	16.10	P:GJ	7,327	359.5
J. C. Fleming & Sons.....	Granville Summit	13.41	R:GG	7,150	355.9
John McClure.....	Snedekerville	16.39	RJ	6,591	341.7
C. D. Case.....	Canton	12.29	R:GG	6,913	339.4
**David S. Rhearm.....	Canton	21.50	GH:GJ	8,182	323.8
Robinson Bros.....	Snedekerville	14.41	GJ:Mix	6,530	313.6
W. W. White.....	Snedekerville	22.01	Mix	8,040	312.8
John E. Woodruff.....	Troy, R. R. D.	12.54	GH:GG	6,963	308.9

* Record made in 9 months.

** Record made in 10 months.

BRADFORD COUNTY—(Wyalusing Association)

Elmer Clink, Tester, Box 76, Camptown, Pa.

Karl D. Shiner.....	Towanda, R. D. 5	29.45	R:GJ	7,696	381.3
M. V. Bennett.....	Laceyville	14.81	RJ	6,492	373.1
Taylor McCarty.....	Sugar Run	16.90	RH	10,042	342.8
*Walter E. Warburton.....	Wyalusing	16.36	RA	8,082	326.3
**George Warner.....	Laceyville	11.25	R:GH	9,232	320.4
Earl A. Browning.....	Wyalusing	21.46	RH	9,744	319.1
Welbec Farms.....	Wyalusing	41.88	RG	6,669	310.0
E. M. Frear.....	Stevensville	17.02	R:GH:R:GG	8,341	305.9

* Three times milking for 5 months.

** Record made in 9 months.

BUCKS COUNTY—(Group No. 1 Association)

James Howes, Tester, R. D., Morrisville, Pa.

Willard W. Wright.....	Yardley	19.28	R:GrH	12,338	428.2
Milton C. Satterthwaite....	Woodside	13.53	RH	12,534	425.1
*Jos. S. & Mabel R. Briggs.	Yardley	25.35	RG	8,189	400.0

Name	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
Alvin Worthington	Newtown	16.74	R:GrG	8,202	395.0
Williams & Harley	New Hope	24.05	R:GrG	7,940	387.9
**Henry C. Pickering	Woodbourne	13.00	R:GrH:Mix	9,999	384.0
M. Hubert Walton	New Hope	13.36	R:GrG	7,241	368.8
***George School Farm	George School	25.45	RH	9,882	368.2
L. P. Satterthwaite	Newtown	33.90	RH	10,274	350.8
John L. Stover	Ivyland	21.37	R:GrH	9,782	346.8
J. Iden Smith	New Hope	20.62	R:GrG	6,737	337.7
William Cadwallader	Langhorne	11.97	R:GrH	9,145	326.0
K. V. Dairies	Holicong	41.27	R:GrG	6,663	316.2
Harry Wilson	Richboro	41.73	R:GrH	8,338	305.4

* Part of herd three times milking for 3 months.

** Part of herd three times milking for 4 months.

*** Part of herd three times milking for 9 months.

BUCKS COUNTY—(Group No. 2 Association)

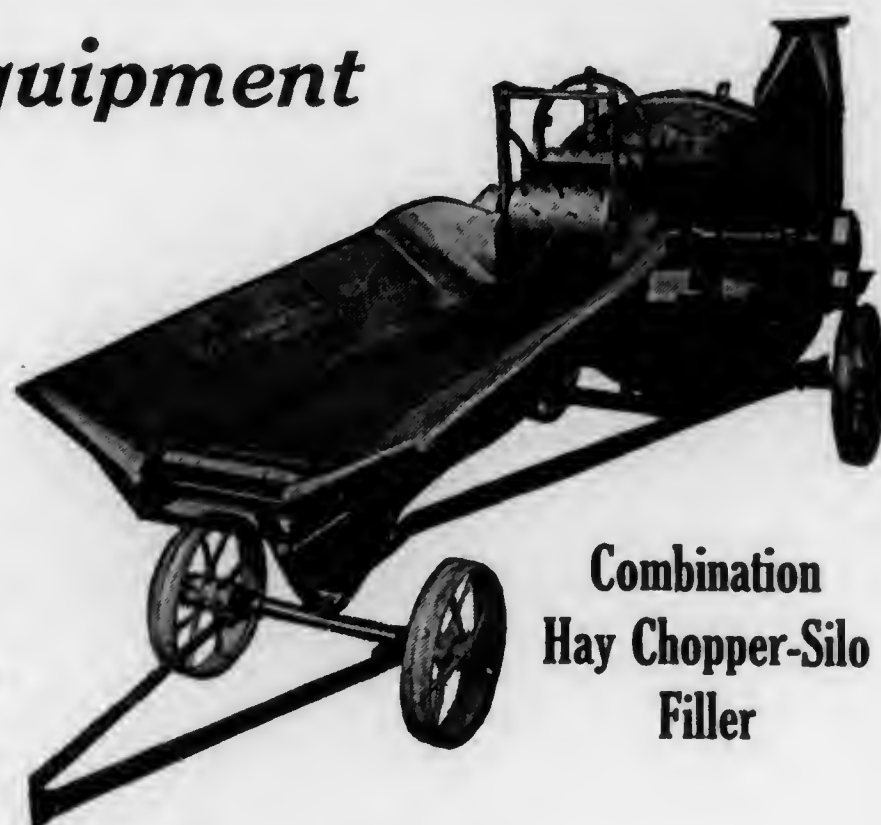
Robert Dean, Tester, Doylestown, Pa.

Willis M. Hunsberger	Plumsteadville	22.42	RH	12,545	481.0
Lester P. Frey	Riegelsville	23.34	R:GrSwiss	9,908	406.0
J. Howard Cliffe	Ivyland	22.81	RG	7,440	395.3
Homer S. Wentz	Quakertown	17.35	R:GrH	11,140	386.6
Bucks Co. Home	Doylestown	22.60	R:GrG	7,796	381.7
C. H. Smith & Son	Wycombe	21.19	RG	7,036	374.8
Dr. F. M. Garver	Ivyland	18.28	RG	7,794	371.2
Frank Oehrle	Hatboro	19.27	RH	10,377	362.8

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Name	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
Joseph W. Hallowell	Ivyland	18.02	RH	10,696	359.3
J. Arthur Shelly	Fountainville	19.65	R:GrG	7,501	357.2
Wilmer A. Twining	Wycombe	10.86	RH:GrJ	9,248	354.8
A. S. Mumbauer	Quakertown	21.01	RA	8,337	353.5
Andrew Palmer	Quakertown, R. 3	23.65	RJ	6,467	352.1
Isaac Gross	Plumsteadville	19.62	RH	9,672	343.7
William Penrose	Neshaminy	12.62	RG	7,054	340.6
Ernest A. Foellner	Ottsville	28.73	RH	9,281	330.2
Max Frey	Ottsville	21.43	R:PJ	6,535	328.0
Leon M. Bishop	Perkasie	20.66	RA	7,671	318.5

BUCKS COUNTY—(Group No. 3 Association)

Earl Whitman, Tester, Dublin, Pa.

E. F. Stewart	Colmar	14.23	RG	9,484	494.0
*J. P. Canby & Son	Hulmeville	36.07	RH:GrG	12,003	444.5
James Work	Rushland	23.67	RG:RH	10,089	421.4
Bolton Farm	Bristol	24.21	RG	7,900	406.1
Claude Myers	Plumsteadville	28.16	RG	7,703	401.4
Philip W. Smith	New Hope	29.10	RG	8,169	398.6
Amos Satterthwaite	Yardley	19.42	RH	10,807	381.9
M. C. Permar Est.	Fountainville	9.90	R:GrH	10,465	372.2
Partridge Hall Farm	Lahaska	40.31	R:GrH:		
			R:GrG	8,417	327.8
E. A. Williams	Wrightstown	14.63	GrG:GrJ	6,954	325.7
J. D. McConnell	Solebury	19.28	R:GrJ	5,854	310.8
Tyson Nimick	New Hope	25.20	Mixed	7,858	309.0
W. H. Doubler	Hartsville	28.77	R:GrG	6,440	308.2

* Three times milking.

BUTLER COUNTY—(Northern Butler Association)

George J. Hock, Tester, R. D. 1, Harmony, Pa.

Wimer & Barker	Slippery Rock, R. D.	6.61	P:GrJ	8,110	428.9
C. A. Wachsmuth	Butler Star Route	10.39	RG	7,539	375.6
Hugh Fergus	Slippery Rock, R. D.	34.86	GrG:J	7,488	364.4
Carl Kelly	Slippery Rock, R. D.	11.74	GrG	7,068	345.8
Wolf Creek Farm	Slippery Rock, R. D.	8.19	RG	6,990	344.3
J. Roy Humphrey	Slippery Rock, R. D.	14.58	RJ	6,741	343.7
C. F. Laderer	Portersville, R. D.	15.12	R:GrJ	7,128	341.8
Merle G. Sutton	Butler, R. D. 1	7.52	R:GrG	7,499	337.3
R. N. Dickey	Slippery Rock, R. D.	10.13	R:GrG	7,148	337.3
R. H. Shriver	Petrolia, R. D. 1	20.64	RJ	6,661	335.6
O. W. Stoughton & Sons	Butler, R. D. 5	33.49	PJ	6,674	333.5
C. E. Reed	Slippery Rock, R. D.	10.71	RG	6,972	328.3
Oran Brandon	Slippery Rock, R. D.	13.01	Mixed	7,052	321.2
Frank Cooper	Slippery Rock, R. D.	17.75	R:GrJ	5,922	320.3
E. S. Cooper	Slippery Rock, R. D.	8.63	RG	5,793	317.2
Frank Patterson	Slippery Rock, R. D.	14.22	R:PJ	5,634	306.7

BUTLER COUNTY—(Southern Butler Association)

Elmer C. Dickey, Tester, R. D., Slippery Rock, Pa.

Ira L. Cleland	Harmony, R. D. 1	15.48	RJ	8,362	442.8
A. J. Lang	Cabot, R. D.	14.79	RH	11,245	383.6
John L. Schiever	Harmony, R. D. 1	29.52	RJ:GrH	7,822	364.3
John L. Wise	Harmony, R. D. 1	16.26	R:GrH	10,058	348.9
Victor Rummel	Cabot, R. D.	11.00	R:GrH	9,544	340.3
Paul J. Lauer	Marwood	14.02	R:GrH	8,998	324.0
Frank F. Pflugh	Harmony, R. D. 1	16.34	Mixed	8,587	316.6
E. P. Gifford	Evans City, R. D. 2	14.87	R:GrH	9,640	315.6
Harper F. Leslie & Son	Sarver, R. D.	13.93	R:GrH:GrG	8,156	312.8
J. L. Niblock	Renfrew, R. D.	11.70	RG	6,326	312.4

Name	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
Roy Ferguson	Valencia, R. D.	15.16	R:GrH	9,030	312.1
C. A. Powell	Butler, R. D. 6	17.00	RH	8,633	301.6
J. Raymond Simpson	Butler, R. D. 4	14.16	R:GrH	8,664	300.2
J. C. Belles & Sons	Harmony, R. D. 1	17.84	RH	8,734	300.0

CAMBRIA COUNTY—(Central Pa. Guernsey Breeders' Association)

Robert C. Lydick, Tester, Clymer, Pa.

W. H. Fyock	Johnstown, R. D. 2	11.66	R:GG:Mix	8,151	400.8
Griffith Estate	Ebensburg	20.94	RG	7,263	364.1
E. J. Farabaugh	Loretto, R. D.	19.76	R:GG	7,453	353.2
L. W. Kline	Cresson	19.09	R:GG	7,299	348.7
Mrs. C. M. Schwab, No. 2	Loretto	24.51	Mixed	8,303	337.7
Mrs. C. M. Schwab, No. 1	Loretto	24.40	R:GrG	6,933	334.8
Aug. E. Farabaugh	Loretto	5.62	Mixed	3,533	318.9

CENTRE COUNTY—(Centre County No. 1 Association)

Thomas A. Fox, Tester, Mill Hall, Pa.

*Western Penitentiary	Bellefonte	79.90	R:GrH	16,818	584.8
*J. Harold Long	Salona	7.66	GrH:Mix	10,455	455.8
London Kyle	Mackeyville	16.70	R:GrH	11,957	422.4
Frank M. Bitner	Mill Hall	5.77	RH	12,297	421.9
H. L. Knecht	Mill Hall	8.87	R:GrH	11,706	421.3
Mill Brook Farm	Mill Hall	26.48	RH	10,871	400.1
T. C. Kryder	Mill Hall	12.71	RH	11,042	381.1
Fox Bros.	Mill Hall	10.85	R:GrH	10,532	378.5
Mrs. H. L. Stuart	State College	36.28	RG	7,352	368.6
Locust Lane Farm	Beech Creek	10.76	RG	7,591	364.7
Shoemaker Bros.	State College	21.33	R:GrH	10,546	358.9
J. Kline Confer	Salona	12.17	R:GrH	9,322	336.8
Wm. R. Camerer	Jersey Shore	13.58	R:GrH	9,292	334.6
Eugene Ellenberger	Warriors Mark	11.68	RJ	6,541	331.0
G. G. Grieb & Sons	Tylersville	17.08	R:GrG	6,225	318.6
S. F. Esterline	Green Burr	10.00	RJ	5,691	306.7

* Three times milking.

CENTRE COUNTY—(Centre County No. 2 Association)

Ira Whiteman, Tester, Oak Hall Station, Pa.

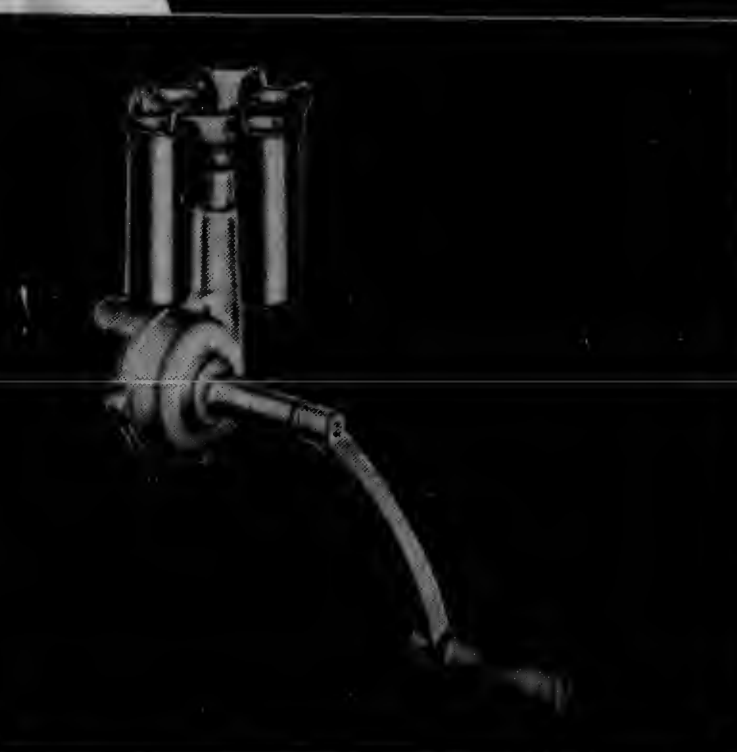
*Penna. State College	State College	116.12	RA: BrSw:		
			GH:J	10,151	388.4
F. E. MacIntire	Rebersburg	19.36	R:GrH	10,408	379.8
Fern T. Dunkle	Center Hall	15.92	GrH	9,925	355.3
P. P. Henshall	State College	17.63	GrH:GrG	9,180	330.8
H. M. Smith	Bellefonte	18.36	RH	9,190	328.2
H. E. Confer	Howard	14.32	R:GrH	9,755	326.5

* Three times milking.

CHESTER COUNTY—(Chester Valley Association)

Warren H. Shingle, Tester, Downingtown, Pa.

Harold S. Schutt	Chadds Ford	15.44	RG	9,405	474.0
Shirley Farm	Glen Loch	40.03	R:GrG	7,522	375.4
Roy Rimel	Glen Moore	8.68	R:GrG:Mix	8,391	372.8
Frank A. Keen	West Chester	22.68	RH	10,057	363.1
David McDaniel	West Chester	29.96	RJ	6,910	357.3
O. J. Meyer, Jr.	Lyndell	31.50	RG	6,892	353.6
Jos. A. Bicking Estate	Whitford	28.44	R:GrG	7,099	335.1
W. B. Wickersham	Kennett Square	44.12	R:GrH	9,957	334.0
Valley Brook Farm	Downingtown	30.03	RJ	6,483	325.7
Ward Aaron	Downingtown	11.93	R:GrG:GrH	8,689	317.5

Bestov Farmers'
Tubular CoolerOriole Improv
Tubular CAt Right
Model A Cherry-
Burrell Facile Bab-
cock Tester, elec-
tric-operated, with
polished bowl and
jet black pedestal.At Left
4 - Bottle Cherry-
Burrell Facile Jun-
ior Babcock Milk
Tester.

LOW PRICED - COMPLETELY EFFICIENT Cherry-Burrell Cooling and Testing Equipment

The BESTOV FARMERS' TUBULAR COOLER rapidly cools and aerates the milk without waste of cold water, ice or time and the milk comes off the cooler within one or two degrees of the temperature of the circulating water. The new style ORIOLE TUBULAR COOLER features improved brackets, manifolds, trough mountings and swinging spout—yet its price has been lowered to a point which enables every dairy, no matter how small, to enjoy the advantages of a genuine tubular cooler.

The MODEL A FACILE BABCOCK TESTER is offered in electric and hand-operated models, 8 or 12-bottle capacities, and has a rigid cast aluminum bottle carrier, enclosed 1/40 H. P. motor and positive built-in brake for the electric model, enclosed worm gear drive for the hand-operated model, and polished spun aluminum bowl and cover. Built especially for individual dairymen and traveling dairy inspectors, the CHERRY-BURRELL FACILE JR. BABCOCK MILK TESTER consists of but two castings forming the gear case and may be attached to any table or bench by means of the thumb screw.

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Name	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
CHESTER COUNTY—(Coventry Association)					
James W. Bickel, Tester, R. D. 1, Pottstown, Pa.					
*Pennhurst State School	Pennhurst	99.92	P H	13,657	450.0
Wm. M. High	Phoenixville	11.07	RH	12,014	415.9
Warwick Furnace Farm	Glen Moore	86.08	GrG	8,667	390.8
H. J. Bickel	Pottstown	18.19	RH:GrG	9,502	366.6
F. H. Gyger	Kimberton	28.39	R:GrG:Mix	9,923	360.7
Harvey Fisher	Phoenixville	18.89	Mix	9,293	356.3
S. H. Burbank	Pottstown, R. D. 2	10.31	R:GrG	7,304	354.5
R. S. Grubb	Spring City	20.81	GrG:GrH	7,492	337.3
*Laurel Locks Farm	Pottstown	118.58	R:GrG	9,959	337.3
H. R. Swavely	Pottstown	34.22	GrH:GrG	9,186	329.0
Howard Jones	Chester Springs	42.24	R:GrH	9,515	325.0
H. R. Stoltzfus	Pottstown	16.75	GrH:GrG	9,320	321.1
Valley Hill Farm	Phoenixville	48.97	R:GrG	6,735	317.9
Thos. J. Ray	Phoenixville	17.56	Mix	7,120	312.3

* Three times milking.

CHESTER COUNTY—(Oxford Association)

Philip Harris, Tester, Lincoln University

Dr. James S. Hogg	Oxford	22.09	RJ:GrG	9,099	456.7
*John Dickey Farm	Oxford	14.20	RH:GrJ	12,007	437.7
**Lincoln Univ. Farm	Lincoln University	21.53	R:GrH		
			R:GrG	11,002	420.6
H. S. Gatchell	Peace Bottom	18.21	RJ	7,295	404.0
Lewis P. Brown	West Grove	28.52	GrG	7,986	398.5
Hayes Lindsey	Oxford	15.97	R:GrGMix	8,277	389.5
**Pierre S. du Pont	Kennett Square	46.48	RG	7,726	381.1
Thomas Sloan	Oxford	23.34	R:GrG:RH	8,736	364.5
Edward Goodwin	West Grove	24.12	R:GrJ:Mix	7,417	359.8
Mrs. Louise Wade	Chatham	42.69	Mix	7,297	354.6
Dr. Edward A. Webb	Avondale	23.65	R:GrG	7,171	345.5
H. L. Stubbs	Oxford	25.44	R:GrH:Mix	8,965	341.0
John Patton	West Grove	32.84	R:GrG	6,478	328.8
Elias Vines	Lincoln University	19.37	R:GrH:Mix	8,024	326.4
O. W. Shortlidge (Farm 3)	Lincoln University	30.10	Mix	7,377	318.4
D. L. Gallagher	Peach Bottom	46.15	R:GrG	6,837	316.0
O. W. Shortlidge (Farm 1)	Lincoln University	28.90	Mix	7,427	315.6
Everett Holt	Lincoln University	21.53	R:GrJ	6,472	311.7
Fred Whiteside	Oxford	23.35	Mix	7,190	309.1
Conner & Killinger	Avondale	49.94	RJ	6,011	309.0
Caleb Chambers & Son	West Grove	20.00	R:GrH	8,631	305.2
Howard G. Fulton	Cochranville	23.64	R:GrH:GrG	8,531	300.0

* Three times milking.

** Part of herd three times milking.

CHESTER COUNTY—(West Chester Association)

Wm. F. Bleiler, Tester, Court House Annex, West Chester, Pa.

Roselawn Farm	Malvern	22.67	RA	10,362	443.6
Liseter Farm	Newtown Square	59.12	RG	9,009	442.8
E. P. Allinson	West Chester	13.68	R:GrG	8,563	409.1
E. P. Allinson	West Chester	25.87	RH	11,534	389.1
Delaware Co. Home	Lima	17.80	GrH	11,687	388.9
McIlvaine & Seeds	Whitford	25.54	R:GrJ	26,960	372.5
LeRoy Harvey Estate	West Chester	23.35	RG	7,157	366.7
William I. Reeves	West Chester	14.90	GrG	7,246	355.8
Harvey Williams	Mortonville	43.79	R:GrJ	6,822	353.9
Norman W. Frank	West Chester	23.84	GrH:GrG	9,912	348.3
Wm. M. Darlington	West Chester	34.75	R:GrG:GrJ	7,171	340.4

Name	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Ernest T. Trigg	Malvern	31.61	RG	7,029	340.1
C. C. Renshaw	West Chester	17.27	R:GrG	6,968	333.6
Dunwoody Home Farm	Newtown Square	20.36	RA	8,123	323.2
Westtown School Farm	Westtown	50.82	R:GrG:GrH	7,588	307.8
Russell B. Jones	Westtown	58.20	GrH:RA	8,332	300.7

CLARION COUNTY—(First Clarion Co. Cow Testing Association)

Wayne Walker and George Cole, Testers, Clarion, Pa.

New D. A. Stahlman	New Bethlehem	10.87	RG	8,283	413.5
J. P. C. King	Summerville	6.89	RH	11,052	412.3
J. E. Shook	Sligo	11.19	R:GrG	8,078	408.1
A. F. Hartman	New Bethlehem	11.65	R:GrG	8,570	406.5
Mrs. W. H. Fleming	New Bethlehem	8.35	RG	7,839	402.8
R. L. Fleming	New Bethlehem	16.73	RG	7,929	402.6
R. H. Shook	Sligo	19.28	R:GrG	7,990	400.9
Paul V. McCall	Sligo	8.15	R:GrG	7,362	386.9
H. B. Truitt & Son	Fairmount City	11.25	R:GrG	8,311	386.1
Harold B. Hartman	Sligo	15.65	RG	7,720	386.1
E. C. Frampton	Sligo	16.18	R:GrG	8,098	385.3
Krotzer Brothers	New Bethlehem	13.10	R:GrG	7,777	382.7
C. A. & D. C. Wagner	New Bethlehem	9.25	R:GrG	8,329	381.8
George Hoover	New Bethlehem	10.55	R:GrG	7,656	379.0
Wm. & C. A. McCauley	New Bethlehem	23.05	RH	10,669	375.0
F. L. Stahlman	New Bethlehem	8.76	RG	6,771	364.8
Roy D. Miller	Fairmount City	8.09	GG:Mix	7,519	351.7
A. A. Ditz	Fryburg	13.58	GG:Mix	7,571	349.0
E. H. DeVilder	Miola	12.31	RG	6,776	346.4
J. W. M. Gruber & Son	Shippensburg	36.89	R:GrG	7,355	345.6
O. S. Burnham	Corsica	11.84	R:GrG	6,943	336.1
Walter R. Miller	Mayport	9.42	R:GrG	7,103	334.2
F. S. Port, Sr.	Clarion, R. 1	40.02	RG	6,541	332.8
Carl R. Smith	Mayport	10.51	GrG	6,649	332.8
Frank M. Pence	New Bethlehem	21.68	P:GrG:GrH	7,494	326.6
O. E. Barto	Sligo	10.42	R:GrG	6,845	326.5
Bert F. Miller & Son	New Bethlehem	10.27	R:GrG:GrH	7,435	322.0
J. E. Over	Sligo	10.01	R:GrG	6,723	319.7
J. E. Lucas & Son	Mayport	17.94	R:GrH	9,002	318.4
M. S. Stewart & Son	Parkers Landing	17.99	RG	6,485	315.0
H. G. Mahle	Miola	6.89	R:GrG	6,396	315.9
C. L. Risher	East Brady	29.07	R:GrG:GrH	7,979	314.5
T. S. George	Clarion, R. 1	8.64	R:GrG	6,151	300.1

CLEARFIELD COUNTY—(Clearfield Association)

Alvin G. Smith, Tester, Box 628, Clearfield, Pa.

S. J. Zemka	Clearfield	14.12	Mix	9,419	481.4
White Oaks Farm	Clearfield	21.52	RJ	8,305	448.5
Morris W. Shimmel	West Decatur	17.11	R:GrH:GrJ	10,465	439.9
Max Forcey	Woodland	25.76	R:GrJ	8,299	426.5
Belle Vue Farm	Bigler, Box 25	18.22	R:GrJ	7,668	426.4
Wendell Turner	Philipsburg	21.15	R:GrH:Mix	10,421	391.1
Howard Hess	DuBois, R. 2	11.56	R:GrG	7,848	369.8
Arrowhead Farm	Morrisdale, R. 1	15.58	PJ	6,296	362.8
County Home	Clearfield	13.30	GrH	10,102	361.3
A. G. Haag	DuBois, R. 1	16.15	RG	7,159	357.4
C. W. Peters	Woodland	15.23	R:GrJ	6,924	345.7
Harry Weaver	Mahaffey	9.25	P:GrJ	6,181	344.4
D. T. Mitchell, Jr.	Mahaffey	19.64	R:GrJ	6,294	331.7
J. H. Smith & Son	DuBois, R. 2	18.05	R:GrG	7,274	328.4
William Thorpe	Grampian	18.00	RG	6,679	317.0
E. R. Leiby	Curwensville	29.30	Mix	7706	316.5

Name	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
Green Acres Dairy.....	DuBois, R. 1	23.01	R:GrG:Mix	6,945	312.8
S. V. McKee.....	Westover	10.19	R:GrG	6,337	309.9
John Weaver.....	Mahaffey	9.60	GrJ	5,397	301.5

COLUMBIA COUNTY—(Columbia-Luzerne Association)

Clarence C. Keller, Tester, Court House, Bloomsburg, Pa.

Col. Dorrance Reynolds....	Dallas	31.93	RG	8,892	418.7
Luzerne Co. Inst. Dist.....	Retreat	61.11	RH	12,070	406.6
G. W. Hack & Son.....	Berwick, R. D.	45.08	R:GrG	8,058	398.4
Samuel Yost.....	Stillwater	5.95	RG	7,721	393.5
Danville State Hospital....	Danville	117.22	R:GrH	11,610	388.5
Roland H. Seely.....	Nescopeck	15.81	RG	8,326	385.4
Hillside Farms, Inc.....	Trucksville	51.46	RH:RJ	9,365	381.2
W. J. Fairchild & Son.....	Berwick	51.45	RJ:RH	8,704	361.1
Charles H. Moore.....	Dallas	9.81	R:GrJ	6,833	361.1
Alvin Sutliff.....	Benton	16.44	R:GrG	6,921	340.2
Joseph B. Sutliff.....	Benton	7.96	RG	6,566	331.1
Nelson C. Yocum.....	Catawissa, R. D.	17.55	RG:GrH	7,769	329.8
Clifford W. Space.....	Dallas	15.16	GrH:GrG	8,243	321.2
Harold Hayman.....	Stillwater	8.28	RG	6,386	320.3
			R:GrG:		
Mrs. Frank Martz.....	Dallas	21.37	R:GrH	7,140	316.9
Melvin Mosier.....	Dallas	14.08	RH:GrG	8,770	314.4
K. E. Dieffenbacher.....	Bloomsburg, R. 1	13.13	RG	7,333	306.4

CRAWFORD COUNTY—(Centerville Association)

Clinton Van Cise, Tester, Centerville, Pa.

Lloyd Austin.....	Centerville	29.64	GrH	8,211	313.6
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CRAWFORD COUNTY—Crawford-Venango Association)

Byron Swan, Tester, c/o County Agent's Office, Meadville, Pa.

*L. L. Luce.....	Guys Mills	15.58	RJ	8,528	437.5
Harold L. Borland.....	Meadville, R. D. 5	8.00	R:GrJ	6,942	427.6
**Merle W. Ongley.....	Centerville, R. D. 4	11.77	RH	11,381	418.8
Harry I. Sharp.....	Diamond, R. D. 1	6.60	RJ	7,178	417.7
Wesley G. Reitze.....	Meadville, R. D. 5	14.04	RH	10,919	372.8
Mrs. Nova Noel.....	Guys Mills, R. D.	9.51	RJ	6,503	346.7
Harry Whitman.....	Diamond, R. D. 1	7.16	RJ	6,449	343.7
James O. Orr.....	Camb. Springs, R. 4	6.48	R:GrH	9,338	343.2
Arthur Handley & Son.....	Meadville, R. D. 8	14.02	R:GrG:GrH	8,367	340.4
Lawrence Proper & Son....	Diamond, R. D. 1	16.02	R:GrJ:GrH	7,494	335.3
Jos. Poux.....	Guys Mills	8.63	R:GrH	9,386	325.4
E. W. Prather.....	Tryonville, R. D. 1	9.61	R:GrJ	6,698	324.4
Mrs. A. B. Mars.....	Tryonville, R. D. 1	14.11	R:GrG	6,649	320.7
George Beckwith.....	Centerville, R. D. 2	13.25	RH	9,569	312.7
Frank Strawbridge.....	Titusville, Star Rt.	17.75	R:GrG	6,461	300.0

* Three times milking for 7 months.

** Part of herd three times milking for 3 months.

CRAWFORD COUNTY—(Titusville Association)

George Simpson, Tester, 345 Mt. Vernon St., Titusville, Pa.

J. M. Kelly.....	Titusville	23.94	RG	8,501	429.7
Elbert Scouten & Sons.....	Spartansburg	18.42	GrH:J	10,678	405.4
L. W. Beers.....	Grand Valley, R. 1	5.53	GrG:J	8,363	369.6
Geo. Hummer.....	Titusville, R. 2	14.13	RJ	6,915	367.7
D. N. Burrows.....	Pleasantville	17.65	RH	10,837	361.4
M. D. Ongley.....	Grand Valley, R. 2	13.83	Mixed	8,499	353.2
Will Hasbrouck.....	Titusville, R. 2	31.22	RH	10,512	344.5
W. H. Howard.....	Centerville, R. 5	9.04	RJ	6,291	336.3
J. P. Harrison.....	Centerville	12.46	GrH	9,199	321.6

Name	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
A. K. Hummer.....	Titusville, R. 2	33.70	RH	8,829	318.8
Frank Firth.....	Spartansburg	9.29	R:GrH	9,501	317.7
Geo. Matteson.....	Centerville, R. 1	16.96	P:GrH	9,465	314.5
A. C. Watson.....	Titusville, R. 2	22.10	R:GrG	7,075	311.8
E. W. Hummer & Son.....	Titusville	29.73	R:GrJ	5,815	308.6

CRAWFORD COUNTY—(Western Crawford Association)

Albert J. Crowl, Tester, Guys Mills, Pa.

Riverside Stock Farm.....	Cambridge Springs	25.07	R:GrJ	8,739	473.1
J. S. Patton.....	Hartstown	19.58	R:GrH	10,890	387.3
Floyd Gould.....	Conneaut Lake	8.59	GrJ	7,391	377.5
Clifford Hunter.....	Guys Mills	9.64	R:GrJ	7,219	372.0
*J. G. Sherred.....	Venango	20.63	RH	11,996	371.7
M. H. Rhoades.....	Espyville	10.32	GrH	9,335	365.3
E. E. Virtue.....	Meadville, Star Rt.	15.16	GrJ	6,900	364.8
H. C. Drissel.....	Saegertown	15.79	RJ	6,861	358.0
H. H. Bauer.....	Espyville	9.69	R:GrH	9,888	357.2
Burl Hayes.....	Edinboro, R. D. 2	17.54	GrH	9,226	355.4
D. F. Bird.....	Guys Mills	6.61	GrJ	7,238	351.3
Jos. Mandle.....	Conneaut Lake	10.08	G:GrG	6,866	351.1
Carl Miller.....	Linesville	10.99	GrH:GrJ	8,766	347.7
J. O. Boyer.....	Cambridge Springs	9.78	GrH	9,212	342.9
Geo. Buehler.....	Center Road	8.53	R:GrH	9,428	333.0
DeWitt Rust.....	Saegertown, R. D. 2	14.37	RH:GrJ	9,156	326.5
H. W. Carrier.....	Atlantic	11.39	GrG	7,355	325.8
Paul McMichael.....	Conneaut Lake	13.65	RJ	6,478	318.9
Archie Shellito.....	Springboro, R. D. 1	7.04	R:GrH	8,246	318.9
John Chisholm.....	Cambridge Springs	13.94	RG	6,436	318.1
Port Eckles.....	Venango	11.91	R:PG	6,079	313.0
Wm. P. West.....	Conneautville	15.27	RH	8,402	304.8
James K. Bennett.....	Westford	8.62	R:GrG:		
			G:GrH	7,232	302.7

* Three times milking.

CUMBERLAND COUNTY—(Original Association)

Fred M. Naugle, Tester, Carlisle, Pa.

Clyde C. Neidigh.....	Newville, R. D. 3	6.04	RG	8,621	413.6
Methodist Home for Children.....	Mechanicsburg	20.63	R:GrH	11,540	409.1
J. H. Lear.....	Carlisle, R. D. 5	19.68	RH	10,884	394.6
Ludt Brothers.....	Carlisle, R. D. 5	18.38	R:GrH:GrJ	10,262	391.3
Ivo V. Otto and S. Blaine Lehman.....	Carlisle, R. D. 1	19.16	RH	11,635	391.2
A. G. Wingert.....	Mechanicsburg, R. 2	12.73	RH	10,801	390.7
H. K. McCullough.....	Newville, R. 1	23.30	RG	8,066	390.1
G. Weir Strock.....	Mechanicsburg, R. 2	30.02	R:GrH	11,130	382.2
Ivo V. Otto.....	Carlisle, R. 6	23.50	RH	10,809	380.2
Walter A. Eckert.....	Mechanicsburg, R. 5	16.97	RG	7,392	377.4
C. G. Niesley.....	Mechanicsburg, R. 1	18.38	RH	10,168	374.2
*Dr. E. S. Deubler Estate..	Camp Hill, R. 1	31.77	RA	9,224	370.2
Wilbert A. Kreitzer.....	Mechanicsburg, R. 4	16.70	R:GrH	9,989	357.6
J. Walter Rupp.....	Mechanicsburg, R. 4	24.68	R:GrH	10,644	353.8
Abram N. Lehman.....	Carlisle, R. 2	14.59	RH	10,009	350.9
S. W. Zeigler.....	Mechanicsburg, R. 2	16.92	RH	10,286	350.4
George Nauss, Jr.....	Mechanicsburg, R. 4	20.08	RH	10,881	348.8
S. B. Weber & Son.....	Mechanicsburg, R. 2	22.44	RH	10,136	348.6
George M. Harman.....	Barnitz	13.18	R:GrG	6,653	344.5
Miss Anne McCormick.....	Harrisburg	6.00	RG	7,329	344.3
Albert F. Kost.....	Carlisle, R. 1	21.72	RH	10,152	340.4
Jesse Kurtz.....	Carlisle, R. 4	11.57	RH	9,755	338.7
Clarence M. Cornman.....	Mechanicsburg, R. 5	13.66	RH	10,076	338.5
Harry D. Kreitzer.....	Mechanicsburg, R. 3	10.48	R:GrH	9,895	337.6

Name	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Mark R. Basehore.....	Mechanicsburg, R. 4	10.69	R:GrH	9,638	332.0
J. Norton Kruger					
Herd No. 1	Carlisle, R. 2	18.74	RH:Mix	8,696	329.3
Russell S. Eberly.....	Mechanicsburg, R. 3	11.60	R:Gr H	8,839	307.4

* Part of herd three times milking.

CUMBERLAND COUNTY—(Second Association)

J. Paul Shughart, Tester, Allen, Pa.

Mervin C. Shughart.....	Mechanicsburg, R. 5	10.91	R:GrH	11,255	423.1
Mervin E. Shughart.....	Mechanicsburg, R. 1	6.03	RH	11,679	410.8
Spencer G. Nauman.....	Bowmansdale	5.66	R:GrG	8,364	402.2
S. Ellsworth Landis.....	Newville, Box 373	13.46	GrG	8,228	400.4
Guy L. Loy.....	Newville, R. 2	22.27	RA:GrH	9,617	387.8
Albert Adams (Herd No. 1).....	Carlisle, R. 5	20.35	R:GrH:GrG	10,040	386.3
Ernest Shover	Mechanicsburg, R. 2	16.41	R:GrH	10,722	384.1
J. D. McCulloch.....	Newville, R. 1	6.33	RH	11,306	372.7
Joseph A. Murphy.....	Carlisle, R. 5	12.58	RH	10,557	355.0
Hugh L. McMeen.....	Carlisle, R. 6	23.26	RH	10,043	354.6
John H. Clouse.....	Newville, R. 2	8.86	RA:GrH	9,049	354.1
E. Hays Shughart.....	Carlisle, R. 6	15.66	RH	10,805	353.7
C. R. Sunday.....	Carlisle, R. 1	16.12	RH	9,922	353.4
Donald F. Van Scyoc.....	Shippensburg, R. 1	8.38	RG	7,395	345.0
Paul C. Gible.....	Mechanicsburg, R. 1	17.18	R:GrH	10,311	341.2
S. E. Raudabaugh & Son.....	Mechanicsburg, R. 1	11.79	RH	10,285	331.1
Paul O. Sunday.....	Carlisle, R. 1	13.43	R:GrH	9,180	325.3
John A. Smith & Sons.....	Dickinson	13.89	R:GrG	6,727	320.2
Charles C. Hoffer.....	Carlisle	21.77	R:GrH	8,365	308.6

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BALTIMORE, MD.

CUMBERLAND COUNTY—(Third Association)

Lester M. Shughart, Tester, Allen, Pa.

Name	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Roy D. Gottshall.....	Carlisle, R. 6	5.50	RH	11,975	421.1
*John E. Gibney.....	Mechanicsburg, R. 1	16.25	R:GrH	11,644	411.4
Reuben Clouse	Newville, R. 3	12.77	RH	10,985	393.2
Roy A. Snyder.....	Mechanicsburg, R. 2	18.53	RH	11,523	384.8
**John C. Yorlets.....	Mechanicsburg, R. 2	21.12	R:GrH	11,195	373.1
John I. Strong.....	Mechanicsburg, R. 3	15.28	R:GrH	10,155	372.4
Paul E. Harvey.....	Newville, R. 3	6.99	R:GrH	9,784	364.4
Harper McCulloch	Newville, R. 2	11.28	R:GrG	8,288	362.5
J. J. Zeigler.....	Carlisle, R. 1	22.06	R:GrH	10,467	354.2
Harvey S. Mentzer.....	Mechanicsburg, R. 2	16.72	R:GrH:GrG	10,375	353.0
Lester J. Albright.....	Carlisle, R. 1	13.52	R:GrA:GrH	9,508	352.3
George I. Kell.....	Carlisle, R. 1	12.81	RH	10,193	347.1
R. Merle Goodhart.....	Mechanicsburg, R. 1	12.13	GrG:GrJ	7,630	344.4
Ralph L. Martin.....	Carlisle, R. 4	10.00	RH	9,954	331.2
John K. Sheeley.....	Carlisle, R. 6	10.78	RH	9,751	322.6
W. C. Neidig.....	Carlisle, R. 4	8.18	R:GrG	6,420	313.5
Benj. F. Garman.....	Carlisle, R. 6	12.64	RH	8,844	308.7
Philip A. Shields.....	Mechanicsburg, R. 5	17.53	R:GrH	8,747	302.3

* Three times milking for 3 months.

** Part of herd three times milking for 5 months.

DAUGHIN COUNTY—(Dauphin Association)

Warren Bucher, R. D. 1, Hershey, Pa., and Bruce Beaver, Millerstown, Pa., Testers

***Ray S. Shoemaker.....	Harrisburg	23.69	RG	9,524	464.3
*C. C. Baker.....	Halifax	19.10	RA	10,418	419.2
**A. H. Erdman & Sons.....	Elizabethville	27.43	RH	11,523	409.1
Dauphin Co. Home.....	Harrisburg	24.52	RH	11,783	407.8
G. C. Saufley.....	Hummelstown	15.97	RJ	6,918	385.5
H. M. Cater.....	Hummelstown	16.47	RH	10,970	369.6
C. K. Fertig.....	Dauphin	9.72	RH	11,319	367.5
***Hershey Indus. School.....	Hershey	175.84	R:GrH:G	9,744	358.2
C. E. Cassel & Son.....	Hershey	28.81	RG	7,321	355.3
S. B. Williams.....	Middletown	35.94	R:GrJ	6,953	344.6
Hbg. State Hospital.....	Harrisburg	66.47	R:GrH	9,868	318.0
Richard L. Lee.....	Harrisburg	25.26	R:GrH	8,437	309.1

* Three times milking.

** Three times milking for 2 months.

*** Part of herd three times milking.

ELK COUNTY—(First Elk County Association)

William McCauley, Tester, Ridgway, Pa.

A. Anderson & Son.....	Ridgway, R. D.	32.26		8,699	309.0
*William Youngdahl	Brockport, R. D.	12.82		6,407	310.9
Theodore Tillack	Johnsonburg	11.12		7,706	383.2

* Eleven month herd.

ERIE COUNTY—(Erie No. 1 Association)

Wendell Bauer, Tester, Erie, Pa.

Glenn Steves	Waterford, R. 3	7.41	RH	10,872	382.0
John Brooks	Erie Trust Bldg., Erie	20.16	R:GrG	7,729	373.6
County Home Farm.....	Girard	19.95	GrH	11,110	369.4
Henry Marsh	Waterford, R. 4	18.53	R:GrH	10,276	356.4
Bruce Batchelor	Edinboro	11.18	RG	7,212	347.8
Kochler Farm	Erie	28.34	Mix	8,147	337.5
F. H. Hopson (Farm 2).....	Wattsburg, R. 3	7.66	GrH	10,234	336.3
Henry A. Trask.....	Waterford, R. 5	20.66	GrG:Mix	7,569	333.1
Harold A. Trask.....	McKaen, R. 1	14.74	R:GrH	9,251	327.7

Name	Address	Av. No.	Breed	Lbs.	
				Milk	Fat
F. H. Hopson (Farm 1)...	Wattsburg, R. 3	13.67	GrH	9,653	326.9
Karl O. Shelhamer.....	Edinboro, R. 1	13.58	R:GrJ	6,317	316.1
Carl Procter	Corry, R. 3	17.38	R:GrH	8,630	305.3
Hazen Follett	Corry, R. 3	15.08	RH	9,140	302.9
Russell Walker	Edinboro	14.92	GrH	8,429	300.8

FAYETTE COUNTY—(Fayette Association)

Allen Sollenberger, Tester, Uniontown, Pa.

T. W. Gans & Son.....	Gans	18.69	R:GrH:		
			R:GrG	10,405	413.3
W. S. Hibbs.....	Uniontown, R. 3	17.38	Mix	8,794	347.8
Grover Work	Mill Run	9.66	R:GrG:Mix	8,301	361.3
David H. Wells.....	Belle Vernon	7.24	GrG	8,347	360.5
J. Espey Lynn.....	Vanderbilt	20.40	R:GrG	8,045	350.1
G. G. Gault.....	Dawson	16.58	R:GrG	7,135	339.4
Cook Brothers	Belle Vernon	18.85	R:GrG	7,192	330.9
G. M. Griffin.....	Smock	19.06	Mix	8,023	329.0
O. W. Rittenhouse.....	Smock	17.13	R:GrH:GrG	8,664	325.4
Mountain View Dairy.....	Fairchance	20.99	Mix	8,136	317.9
H. S. Garner.....	Uniontown	15.15	RG	6,511	312.6
Arthur Friend	Mill Run	8.59	GrG	6,538	310.8

FOREST COUNTY—(Forest Association)

Wayne Walker and M. W. Wise, Jr., Testers, c/o Russell Smith, Tionesta, Pa.

J. F. Ray	Kellettville	21.46	GrG	7,000	335.3
Forest County Home.....	Tionesta	7.00	GrG	6,802	333.9
Henry Wagner & Sons.....	Tionesta	12.46	GrG	6,392	321.0
George L. King.....	West Hickory	9.43	GrG:Mix	7,389	305.6

FRANKLIN COUNTY—(Southern Franklin Association)

R. G. Miller, Tester, Chambersburg, Pa.

Amos L. Brechbill.....	Chambersburg, R. 6	10.44	GrH	11,975	431.3
Dr. J. S. Stevenson.....	Waynesboro	58.74	R:GrH	10,944	394.3
M. B. Mentzer.....	Chambersburg, R. 3	8.12	RH	10,082	388.9
Ira Shank	Waynesboro	19.10	Mix	9,284	381.8
Pa. Soldiers Orphan School.....	Scotland	18.68	R:GrH	10,255	379.3
James F. Dayhoff.....	Waynesboro	20.61	RA:RSH	8,988	372.4
Irvin P. Benedict.....	Waynesboro	12.14	RG	7,928	365.6
W. F. Barkdoll.....	Mont Alto	32.43	RA:R:GrG	8,711	363.0
Dr. J. E. Strickler.....	Hagerstown, Md.	32.77	R:GrH	9,106	327.0
John Howell	Chambersburg	16.45	RG	6,096	297.9
J. H. Main & Son.....	Shippensburg	18.68	RJ	5,348	296.8
*Penn Hall Farm.....	Chambersburg	13.67	RH	8,715	312.6
*John Myers & Son.....	Waynesboro	15.27	Mix	6,558	280.1
*C. Sharpe Karper.....	Hagerstown, Md.	13.12	R:GrG	4,393	218.2

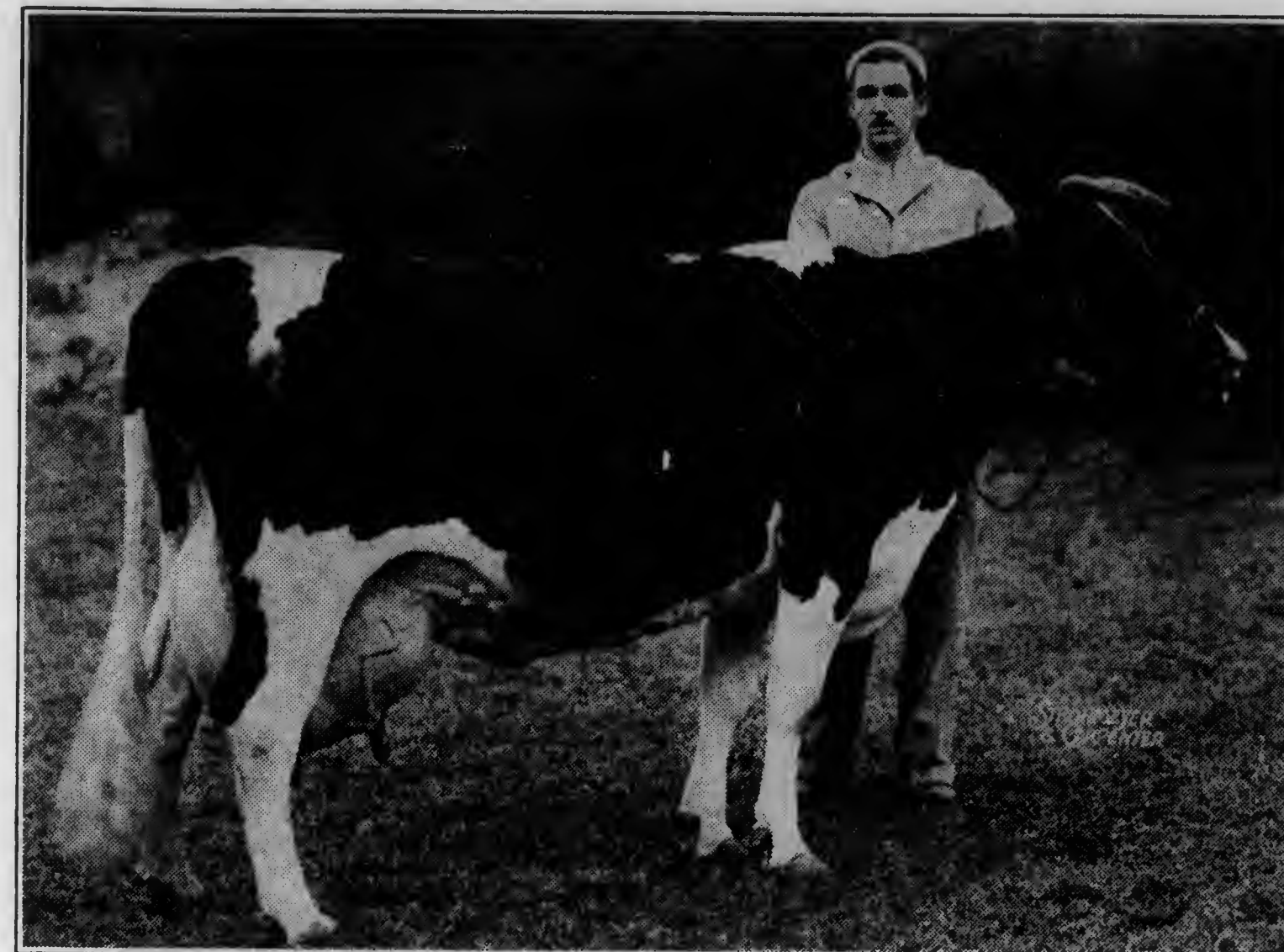
* Part year herds.

FRANKLIN COUNTY—(Western Franklin Association)

John F. Yocum, Tester, Alexandria, Huntingdon County, Pa.

D. G. Smith.....	Dry Run	13.24	R:GrJ:RH	8,415	396.5
Arthur A. Brenize.....	Newburg, R. 1	6.77	RH	10,641	387.6
Wilson Sisters	Richmond Furnace	9.25	P:GrG	7,286	369.3
J. W. Hoffeditz & Son.....	Mercersburg	17.15	GrG	8,010	357.2
John Aughinbaugh	Mercersburg	16.58	R:GrG	7,207	338.0
Harry Hazlett	Dry Run	14.73	Mix	7,754	319.4
H. S. Arthur.....	Ft. Loudon	29.62	R:GrG:PH	6,952	318.4
Lawrence Wagner	Shippensburg, R. 3	7.46	GrG	6,920	316.9
D. M. Hawbaker & Son.....	Mercersburg	19.73	R:GrH	8,496	298.9
C. H. Negley.....	Mercersburg	28.61	Mix	8,174	296.3
*John S. Peckman.....	Chambersburg, R. 4	14.77	RG	4,452	207.8
*D. W. Rumler.....	Chambersburg, R. 4	11.80	R:GrH:Mix	3,473	217.2

* Average herd.

**COLANTHA ROSE MOOIE 1550911**

Pennsylvania Class B Champion. 24,190.7 Milk, 4.1% Test, 1003.6 Fat. Total lifetime production to date in 5 yrs. 210 days—100,527 lbs. Milk, 4.16%, 4,160 lbs. Fat. 2 daughters and one son now in herd

HERD SIRES

SR. SIRE:

MONTVIC RAG APPLE NETHERLAND

The greatest proven son of Johanna Rag Apple Pabst. Famous for Good Udders and High Test. 28 records on daughters. Average 610 fat at two and three years. 3.990 average test.

JR. SIRE:

ADMIRAL LAUXMONT

A son of New Year Belle, highest living record cow in Class B with 1,297 lb. butter with 4.3% test. Admiral is a grandson of Mercedes Ormsby Aggie and Pietertje Homestead Belle, two of the world's greatest brood cows.

FEMALES: DELLAS—RAG APPLES—ORMSBYS

* * *

*We Hold Eight State Records in Class B**Consistent Testing Program and Development*

We offer desirable young bulls from high record and show type dams.

Visit us. Glad to show you our herd and modern dairy plant.

LAUXMONT FARMS

WRIGHTSVILLE, PA.

S. FORRY LAUCKS, Owner

G. A. BURDICK, Manager

WE ALSO BREED CHOICE DUROCS

GREENE COUNTY—(Greene Association)

John Cooke, Tester, Rea, Washington County, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
Ben W. Jacobs.....	Waynesburg, R. 6	5.45	R:GrJ:GrH		10,023	443.3
Keener Bros.	Carmichaels	10.09	R:GrG		8,576	397.1
Chas. F. Adams.....	Waynesburg, R. 5	15.88	RJ		6,584	343.7
Harley Swart	Waynesburg, Box 289	17.21	R:GrJ		6,824	316.6

HUNTINGDON COUNTY—(Huntingdon Association)

Frank Hindman, Tester, Huntingdon, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
Ray F. Brown.....	Mill Creek	11.56	GrG		8,003	404.0
R. E. Behrer.....	Spruce Creek	15.14	GrG:GrH		8,684	394.5
W. C. Henderson.....	Petersburg	16.15	R:GrSw		9,665	393.9
*Pa. Industrial School.....	Huntingdon	50.42	R:GrH:			
			R:GrG		10,947	383.7
W. H. Wollverton.....	Alexandria	18.02	RG		7,836	373.1
**E. G. LaPorte.....	Alexandria	19.62	R:GrG		7,708	369.4
H. E. Grazier.....	Warriors Mark	14.90	RSw		9,286	365.6
N. E. Black.....	Alexandria	13.80	R:GrG		7,763	352.7
J. E. Hindman.....	Tyrone, R. 4	47.10	RG		7,071	347.8
E. E. Ellenberger.....	Pa. Furnace	18.48	R:GrG		6,606	329.7
Howard S. Hicks.....	Tyrone, R. 4	14.58	RSw:Mix		7,782	325.3
W. S. Patterson.....	Tyrone, R. 4	17.01	GrG:RJ		6,701	314.3
Theran Griffiths.....	Broad Top	5.34	GrH		8,113	322.2
J. E. Houck.....	Spruce Creek	22.63	R:GrG:GrH		7,742	308.1
Charles Keller.....	Alexandria	17.73	GrG:Mix		7,257	307.5

* Three times milking.

** Part of herd three times milking for 2 months.

INDIANA COUNTY—(Indiana No. 1 Association)

Carl Johnston, Tester, Room C, Court House, Indiana, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
Clyde Houck	Clymer, R. 1	10.60	R:GrJ		8,619	437.8
C. C. Pollock.....	Marion Center	7.25	R:GrJ		7,510	428.2
John S. Rankin.....	Indiana, R. 1	8.32	P:GrJ		7,716	428.0
Walter C. Simpson.....	Marion Center	10.31	R:GrJ		8,162	427.3
G. C. Swan.....	Home, R. D.	12.40	R:GrJ		7,867	425.6
H. W. Mumau.....	Clymer, R. 1	6.15	R:GrJ		7,997	424.0
H. M. Travis.....	Smicksburg	14.35	RG		8,725	422.7
I. D. Mumau.....	Marion Center	7.87	R:GrJ		7,592	400.4
H. N. Hyskell.....	Smicksburg	10.79	GrG		9,341	398.4
*Torrance State Hospital...	Torrance	83.26	RH		11,837	395.1
*Indiana Co. Home.....	Indiana	25.89	RH		12,193	383.1
H. H. Barnhart, Jr.....	Livermore	19.02	Mix		9,592	382.2
Quay McMillen.....	Clymer, R. 1	8.70	R:GrJ		6,651	381.9
I. M. Speedy.....	Livermore	13.79	R:GrG		8,045	381.0
Carl E. Walker.....	Marion Center	14.63	R:GrJ		6,947	380.5
H. H. Wetzel.....	Marion Center	11.10	R:GrJ		7,272	370.1
W. F. Barkley.....	Livermore	15.41	R:GrG		7,670	366.4
J. S. Cornell.....	Blairsville	16.68	RH		10,637	354.8
Clarence D. Bence.....	Marion Center	14.79	R:GrJ		6,821	348.9
I. E. Pound.....	Indiana, R. 6	12.00	R:GrH		8,885	347.4
Wm. C. McMillen.....	Home, R. 1	14.16	R:GrJ		6,572	343.3
H. B. Wetzel.....	Marion Center	7.22	R:GrJ		6,261	342.1
E. G. Rice.....	Dixonville	9.36	RJ		7,201	338.3
C. S. Gerhard.....	Blairsville	18.07	RH		9,429	327.6
Walter Ewing.....	Saltsburg	17.82	PG		7,179	324.7
M. W. Hyskell.....	Smicksburg	7.52	R:GrG:Mix		7,223	310.0
W. G. Montgomery.....	Home, R. D.	6.08	Mix		7,250	306.3
M. A. Smeltzer.....	Nu Mine	26.61	R:GrH		9,060	302.7

* Three times milking.

INDIANA COUNTY—(Indiana No. 2 Association)

Frank Ginter, Tester, Room C, Court House, Indiana, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
T. M. Strong & Son.....	Blairsville, R. 1	13.66	R:GrJ		9,635	500.9
Clyde McConaughy.....	Smicksburg	7.42	RJ		8,736	435.8
John C. Mohney.....	Punxsutawney	29.52	R:GrJ		7,759	426.1
Harry Pounds.....	West Lebanon	6.66	Mix		8,371	416.1
James Patterson.....	West Lebanon	8.20	R:GrG		7,803	414.9
W. H. Wood.....	Shelocta	11.72	RH		11,834	412.8
Paul S. McFarland.....	Shelocta	7.90	RG		7,394	398.4
J. Mack Hood.....	New Florence	17.01	RJ		7,731	385.6
Mark Dixon.....	West Lebanon	9.45	GrG		7,880	377.4
Henry Townsend.....	South Bend	9.14	RG		7,708	375.7
Earl L. Glasser.....	Marion Center	9.26	RJ		6,739	365.7
Bert Ginter.....	Commodore	8.14	R:GrG		7,209	361.7
Clyde Haskins.....	Commodore	7.55	RJ		7,065	343.5
Mart R. Rager.....	Blairsville, R. D.	17.73	Mix		8,481	330.8
Ira E. Gibson & Son.....	Blairsville, R. 1	7.93	GrJ		6,402	319.5
C. F. Glasser.....	Marion Center	11.06	R:GrJ		5,975	319.4
G. H. Coleman.....	West Lebanon	7.67	RG		6,235	310.7
James Lynch.....	New Florence	16.53	R:GrG		6,791	308.1

INDIANA COUNTY—(Indiana No. 3 Association)

Harold Rankin, Tester, Room C, Court House, Indiana, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
*W. C. Bennett.....	Indiana	31.00	R:GrG		9,364	436.5
W. C. Jamison.....	Home, R. 2	9.88	RH		10,137	378.2
C. H. Hughes.....	Rochester Mills	10.79	GrJ		7,108	367.2
R. L. Boucher.....	Clymer, R. D.	16.46	R:GrG		7,231	360.1
Dale B. Crawford.....	North Point	10.10	R:GrG		7,129	351.1
R. S. Nichol & Sons.....	Home, R. 1	6.71	GrJ:R:GrH		8,099	349.1
H. A. Hoover.....	Smicksburg	11.75	R:GrG:Mix		7,075	345.5
J. M. Steffy.....	Dayton, R. 2	12.97	R:GrH:Mix		9,253	337.0
John G. Henderson.....	Edri	11.17	RG		7,247	331.3
Carl Wallace.....	Home, R. 1	9.98	GrJ:Mix		6,631	328.9
W. L. Brown & Son.....	Shelocta, R. 3	8.87	R:GrG		6,726	323.7
Wendell Thompson.....	Smicksburg, R. D.	7.62	GrJ		6,478	313.2
H. M. & W. H. Barrett....	Smicksburg	14.85	RG		6,356	308.6

* Three times milking.

JEFFERSON COUNTY—(First Jefferson Association)

H. Forrest Haugh, Tester, R. D. 4, Brookville, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
A. J. Bullers & Son.....	Brookville, R. 6	6.64	RG		9,530	512.4
N. W. Shrock.....	Punxsutawney, R. 4	8.43	R:GJ:Mix		9,029	429.0
Ervin E. Dinger.....	Punxsutawney, R. 4	12.15	R:GH:GG		11,444	426.4
J. Angus Wilson.....	Punxsutawney, R. 4	9.17	RJ:Mix		7,478	414.3
J. W. Hicks.....	Punxsutawney, R. 4	11.77	GH:GG		9,275	410.9
H. E. Cochran.....	Reynoldsville, R. 3	9.81	R:GJ:GG		8,908	410.0
E. E. Swineford.....	Reynoldsville, R. 1	24.56	R:GJ		7,958	404.1
N. M. Dinger.....	Oliveburg	11.75	GH		10,928	403.0
C. S. Stear.....	Punxsutawney, R. 4	9.01	GG:GJ		7,645	401.6
C. K. Schuckers.....	Brookville, R. 1	13.20	R:GG:Mix		8,372	390.6
Harry Lindy.....	Reynoldsville, R. 4	10.84	R:GG		7,201	390.5
Jack Neal.....	Punxsutawney, R. 4	15.03	R:GH:Mix		10,366	383.2
G. O. Schuckers.....	Brookville, R. 1	20.89	R:GH:R:PG		9,805	374.3
H. F. Uplinger.....	Reynoldsville, R. 4	9.80	R:GJ		6,781	368.7
Paul Greenwalt.....	Brookville, R. 6	12.24	R:GG		7,620	359.2
Byron Anthony.....	Punxsutawney, R. 4	11.13	GJ		6,755	350.8
R. S. Allshouse.....	Brookville, R. 6	11.92	R:GG		7,111	341.7
J. W. Syphrit.....	Reynoldsville, R. 4	9.70	R:GG		5,641	336.4
A. F. Spangler.....	Mayport, R. 4	5.82	R:GG		5,978	333.5

Name	Address	Av. No.		Lbs.	
		Cows	Breed	Milk	Fat
G. Howard Smith.....	Reynoldsville, R. 2	15.88	R:GA:GG	7,483	326.6
Jefferson County Home....	Brookville, R. 6	19.09	R:GH	9,117	325.4
J. O. Weaver.....	Brookville, R. 1	6.00	RG	6,842	325.2
Meade Buhite	Reynoldsville, R. 3	9.30	R:GG	6,102	323.7
Fred W. Alderton.....	Reynoldsville, R. 1	7.87	R:GJ:Mix	7,181	318.9
M. W. Shingledecker.....	Brookville, R. 6	11.71	R:GG	6,255	317.5
J. E. Yeane Estate.....	Mayport, R. 3	15.17	R:GG	6,309	302.5
Hall's Dairy	Baxter	32.96	R:GJ	6,005	300.0
John L. Dickey.....	Reynoldsville, R. 4	10.66	R:GG	5,970	300.0

JUNIATA COUNTY—(Juniata Association)

Delmar Brofee, Tester, Mifflintown, Pa.

J. W. Sieber.....	McAlisterville	12.51	RH	12,296	421.0
H. I. Gray & Son.....	Honey Grove	12.73	RH	12,413	417.6
T. R. Auken.....	Mifflintown	11.32	RH	12,092	410.5
H. T. Gray.....	Honey Grove	17.77	RH	12,009	403.7
*Theorous Kauffman	Mifflintown	14.83	RH	11,458	403.7
D. Q. Adams.....	Mifflintown	12.84	RH	11,451	398.1
Carl L. Smith.....	McAlisterville	16.50	RH	11,311	381.6
Musser & Stuck.....	Oakland Mills	9.10	RH	10,362	363.9
T. Furman McClure.....	Port Royal	12.98	RH	10,822	351.3
M. L. Stitt.....	Port Royal	12.33	R:GH	10,730	347.0
Lyman Zimmerman	Mifflintown	7.02	RH	9,662	342.1
Karl A. Fettig.....	Port Royal	12.61	RH	9,702	336.7

* Part of herd milked three times for 5 months.

LACKAWANNA COUNTY—(Lackawanna Association)

Donald Hindman, Tester, Dalton, Pa.

Glenn Spencer	Pittston, R. D.	11.39	R:GrG	8,645	412.2
Carrol Decker	Dalton, R. D. 1	9.46	RA	9,328	378.4
T. M. Kresge.....	Falls	20.49	R:GrH	9,699	332.9
M. E. Northup.....	Dalton	16.58	R:GrH:GrJ	8,906	331.4
Linair Dairy & Plty. Farm..	Waverly	20.12	RH:Mix	8,330	330.8
Gowe Bros.	Fleetville	16.74	R:GrH:Mix	8,884	328.9
Crawford Sachse	Moscow	14.27	RJ:Mix	7,398	318.1
E. B. Decker.....	Dalton	16.13	R:GrH:GrG	8,667	317.2
Mrs. Vera Seamans.....	Factoryville	18.01	R:GrH:Mix	8,263	315.9
T. W. McLain.....	Moscow	34.93	GrH:GrG	8,429	311.5
Mervin W. Smith.....	Factoryville	9.72	GrH	8,110	310.9

LANCASTER COUNTY—(Garden Spot Association)

Luke W. Martin, Tester, Goodville, Pa.

Ira M. Eby	Gordonville	19.28	RH	13,090	434.0
*John A. Styer.....	East Earl	19.45	RH	11,683	394.9
Warren L. Eby.....	Gordonville	15.23	RH	11,893	394.3
John W. Eby.....	Gordonville	13.92	R:GrH	11,868	390.2
Naaman Stoltzfus	Morgantown	19.79	RH	11,433	383.0
Jacob S. Horst.....	Lititz, R. 3	16.47	RA	9,343	375.4
John B. Ranck.....	New Holland	23.31	RA:R:GrH	9,679	363.4
I. W. Brendle.....	East Earl	7.07	RH	10,294	346.2
H. K. Martin.....	Goodville	19.56	RH	10,719	343.6
John C. Metzler.....	Christiana	18.03	R:GrH	10,331	338.5
M. V. Brubaker.....	New Holland, R. 2	11.76	RH	9,396	338.3

* Three times milking.

LAWRENCE COUNTY—(Lawrence Association)

Wayne Walker, Tester, P. O. Box 119, New Castle, Pa.

Lauren Thompson	New Wilmington	12.45	RJ	8,473	456.1
N. E. Sampson.....	Volant, R. 3	13.41	RJ	7,637	425.9
W. W. McCombs.....	Mahoningtown, R. 8	10.78	PJ	7,573	409.6

Winterthur Holsteins

*Have Led the National Honor List**11 Times in the Past 12 Years.*

* * *

SIRES IN USE AT WINTERTHUR**1. JUDGE QUANETTE NEBRASKA 671310**

A grandson of Bess Johanna Ormsby, 4 times over 800 lb. fat, and La Vertex Quantity of U Neb, 7 times over 800 lb. fat. 7 nearest dams average 977.1 fat and 25128.7 milk 3.9%.

2. WINTERTHUR GREAT DAD PILOT 700000

A son of Winterthur Bess Ormsby Great from Winterthur Dad B M K Kirl, the only cow in the U. S. with 2 records over 900 lb. fat in Class C. 7 nearest dams average 945.9 fat and 23918.1 milk 3.96%.

3. POSCH ORMSBY FOBES 14TH 729449

A son of that great show bull, Posch Ormsby Fobes, from a cow that twice made over 865 lb. fat with a 4.0% test. 7 nearest dams average 917.7 fat and 24247.9 milk 3.8%.

4. WINTERTHUR POSCH GREAT SELECT 750000

A son of King Posch Ormsby of Winterthur from the highest record daughter of "Great" with 920.1 lb. fat 4.4% in Class C. 7 nearest dams average 988.9 fat and 21766.2 milk 3.7%.

5. SIR INKA STAR OF WINTERTHUR 742081

A son of Governor of Carnation from a 1000 lb. fat daughter of Carnation Prince. 7 nearest dams average 1045.6 fat and 26476.2 milk 3.95%.

6. WINTERTHUR GREAT DAD SEGIS 756158

A son of Winterthur Bess Ormsby Great from a daughter of "Dad" that twice made over 858 lb. fat 4.0% in Class C. 7 nearest dams average 958.4 fat and 24163.6 milk 3.97%.

SONS OF THESE SIRES FOR SALE FROM CLASS C DAMS*45 to 50 Cows Always on Test in Class C. . . . We hold five of the seven National Championships in Class C Yearly Division.*

VISITORS WELCOME

WINTERTHUR FARMS

WINTERTHUR, DELAWARE

ACCREDITED 15 YEARS

NEGATIVE 12 YEARS

Name	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
R. N. Moose	Volant, R. 3	13.48	RJ	7,873	406.1
W. J. Duff	Enon Valley, R. 1	12.33	GrJ	6,858	354.2
Arnold Bros.	Beaver Falls, R. 4	10.62	RG	7,382	351.5
J. C. Shoemaker	Enon Valley, R. 1	17.00	P:GrJ	6,262	338.7
R. W. Hartenbach	Monaca	9.15	R:GrG	7,650	337.0
Gilkey & Wright	Mahoningtown, R. 8	17.60	R:GrG	7,102	334.7
Newell Dairy	Freedom	16.74	RH	8,850	327.1
J. C. Goehring	New Brighton, R. 1	17.83	GrA	8,432	326.5
W. R. Fox	Enon Valley, R. 2	22.67	RG	6,644	322.7
J. A. Boak & Sons	New Castle, R. 4	23.31	RJ	6,059	319.8
James P. Smith	New Wilmingt'n, R. 1	10.12	GrG	6,571	304.9

LEBANON COUNTY—(Lebanon Cow Testing Association)

Thomas Boyer, Tester, R. 2, Lebanon, Pa.

*Ammon Brubaker	Myerstown, R. 2	6.10	RH	15,100	541.5
Ivan Martin	Ephrata, R. 1	15.14	R:GrH	12,680	429.0
Harry M. Leininger	Sheridan	26.05	R:GrH:Mix	10,744	426.3
Fairview Farms	Cornwall	68.48	RG	8,666	414.1
David S. Bennetch	Sheridan	16.79	RH	11,802	394.8
**Jacob N. Smith	Annaville, R. 1	30.30	RG	7,626	371.5
Raymond Gible	Myerstown, R. 2	18.13	R:GrA	9,068	369.7
Frank Heilman & Son	Cleona	33.62	RH	10,310	361.0
Hubert Miller	Myerstown, R. 2	17.72	RH	9,785	358.4
Harry Forney	Palmyra	30.27	Mix	7,670	329.4
Charles Hackman	Ephrata, R. 1	13.09	RA	8,105	326.3
***Howard Bomberger	Lebanon, R. 5	34.05	RG	6,755	322.8
Isaac Mock	Myerstown, R. 2	16.55	RG	6,677	322.0
Nathan Bashore	Palmyra	19.08	R:GrH	9,147	318.3
John Walmer	Womelsdorf	26.58	R:GrH	8,229	304.5

* Three times milking.

** Part of herd three times milking for 9 months.

*** Part of herd three times milking for 3 months.

LEHIGH COUNTY—(Lehigh-Northampton Association)

James R. Kilgore, Tester, 445 Hamilton St., Allentown, Pa.

**L. A. Zimmerman	Lehigh, R. 1	27.01	RH	15,952	551.1
*Gehman Dairy Farms, Inc.	Macungie, R. 1	37.98	R:GrH	11,454	409.0
*Allentown State Hospital	Allentown	52.99	R:GrH	12,206	392.0
Wm. Steigerwalt	Lehigh, R. 1	14.65	RH	10,695	384.6
Stanley Kemmerer	Bethlehem, R. 1	13.60	Mix	10,131	379.0
Victor R. Handwerk	Walnutport, R. 1	6.12	R:GrH	11,230	375.2
Roy Renninger	Coopersburg, R. 2	22.13	R:GrH	9,814	360.0
F. E. Behrens & Sons	E. Mauch Chunk	34.50	R:GrH	9,014	350.0
Willow Brook Farms	Catasauqua	44.53	RG	7,009	347.4
Claude Kemmerer	Bethlehem	10.16	R:GrH	9,067	338.7
***Weyhill Farms	Bethlehem, R. 4	90.51	RH:RG	9,010	332.9
Charles Wertman	Coopersburg, R. 2	26.19	R:GrH	9,113	332.3
Roy Moser	Bethlehem, R. 1	15.50	R:GrG	8,966	322.4
Chas. A. Lichtenwalner	Macungie, R. 1	8.00	R:GrH	8,578	318.5
The Home Farm	Center Valley	47.34	RH:RG	9,667	316.4
Edwin G. Trexler	Emaus, R. 1	20.02	R:GrH	8,398	313.3
P. G. Lichtenwalner	Emaus, R. 1	26.52	RH	9,506	312.9
(One Herd with less than average of five cows produced over 3000 lbs. fat)					
Howard H. Fogel	Nazareth, R. 1	2.08	RA	8,639	342.0

* Three times milking.

** Three times milking for 2 months.

*** Three times milking for 10 months.

For the . . .

PENNSYLVANIA DAIRYMEN'S ASSOCIATION . . .

Best wishes for the achievement of your aims in
the coming years.

In wishing you success we are not entirely with-
out self-interest. It is upon forward-looking
men like you that our success depends.

The same discrimination and judgment which
you have shown in supporting the aims of
your own organization will make you ap-
preciative of our work in developing the
scientifically controlled Wilson Systems of
Milk-Cooling. . . .

To make possible for every modern dairyman an
efficient, lasting * system of milk-cooling
with exclusive Wilson equipment suited to
his needs.

* LIFE-TESTED by the CENTRAL TECHNICAL LABORATORIES of the
ARMSTRONG CORK COMPANY, LANCASTER, PENNSYLVANIA, for the

WILSON CABINET CORPORATION
SMYRNA, DELAWARE

LYCOMING COUNTY—(Lycoming Association)

Thomas B. Hoover, Tester, Williamsport, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
*State Industrial Home	Muncy	21.79	R:GH		12,809	432.2
H. A. Snyder	Montoursville	15.91	RH		10,708	371.3
C. H. Mantle	Nisbet, R. 1	11.02	R:GH		10,909	376.0
W. D. Snyder	Cogan Station	11.30	RH		11,079	364.2
McCracken & Zerbe	Jersey Shore	15.56	R:GH		10,045	356.9
LaRue Reed	Hughesville	13.47	GH		9,033	341.0
Mrs. Alice M. Tule	Muncy, R. D.	19.01	R:GH		10,425	324.7
**Raymond E. Kable	Jersey Shore	13.90	R:GH		8,972	309.6
W. R. Downs	Jersey Shore	16.82	R:GH		9,446	308.4
H. R. Paulhamus	Cogan Station	12.59	RH		9,034	302.1
H. J. Shaffer	Jersey Shore	9.22	R:GH		8,307	301.0

* Three times milking.

** Eleven months record—part year.

McKEAN COUNTY—(McKean Association)

L. A. Buchanan, Tester, Smethport, Pa.

Cawley Brothers	Turtle Point	19.97	Gr H		11,045	392.4
The Kings Farm	Ludlow	13.06	RG		7,414	377.8
Ideal Farms	Kane, R. D. 1	52.97	R:GrG		7,791	377.4
J. M. Kirkman & Sons	Turtle Point	23.80	R:GrH		10,363	367.8
A. T. Larson	Kane	10.25	GrH		8,944	347.2
Greta Clemens	Smethport	15.76	R:GrH		8,828	333.9
Wahlberg Brothers	Kane	26.22	RG:Mix		7,792	333.7
McKean County Home	Smethport	15.31	RA		8,289	333.3
E. H. Sage	Red Rock	17.42	RA		7,984	324.7
Bonny Brook Farm	Bradford	26.94	GrG		7,166	319.4
Howard Curtis	Eldred	10.78	P:GrJ		6,387	317.1
William Johnson	Kane	7.41	R:GrG		6,401	304.0
George E. Dickson	Kane	13.88	GrA:GrBS		7,655	300.5

MERCER COUNTY—(Grove City Association)

Testers: Marshall W. Runkel, Mercer, Pa., and Paul R. McCauslin, Grove City, Pa.

W. D. White	Grove City	9.28	RH		11,878	481.0
A. D. Ramsey	Volant	9.84	R:GrJ		8,188	432.0
W. I. Blake	Mercer	14.78	RJ		8,225	429.7
Mercer Sanitarium	Mercer	14.70	RJ		7,520	414.8
H. J. Buckley	Stoneboro	9.14	P:GrJ		7,416	394.8
John C. Sankey	Volant	16.14	GrH:Mix		10,504	391.0
John H. Buckley	Stoneboro	12.92	R:GrJ		6,738	389.4
R. C. Henderson	Stoneboro	8.76	R:GrJ		7,129	387.7
C. C. Clark	Mercer	13.28	R:GrJ		7,959	382.8
A. M. King	Mercer	14.67	R:GrJ		7,400	366.8
T. P. Campbell	Grove City	19.84	R:GrG:			
			R:GrH		7,924	364.4
C. F. Zittle	Jackson Center	11.68	GrH		10,363	359.8
L. M. Cummings	Mercer	9.89	R:GrJ		6,872	356.2
C. R. Little	Jackson Center	14.79	GrJ		7,127	353.2
J. M. Robinson	Mercer	5.87	R:GrJ		7,428	352.9
S. O. Rodawalt	Mercer	14.93	P:Gr G		7,197	352.9
G. G. McDowell	Grove City	15.16	RJ		6,706	349.2
D. E. Vogan	Mercer	12.53	RJ		6,977	348.8
Harry L. Sankey	Volant	19.41	R:GrH:Mix		9,126	341.5
J. L. Rodgers	Jackson Center	6.91	P:GrJ		6,566	340.3
Walter E. Jacobs	Carlton	10.25	GrG		6,946	336.1
W. G. McDougall	Grove City	12.67	RH		9,481	330.5
D. G. Grace	Grove City	18.25	R:GrJ		5,861	319.9
Geo. J. Republic	Grove City	13.99	Mix		5,966	314.7
Marvin H. McCoy	Mercer	20.13	R:GrG		6,103	303.1

MERCER COUNTY—(Mercer No. 3 Association)

George W. Hayden, Tester, Elizabeth, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
A. D. Willaman	Transfer, R. 1	11.95	R:GrJ		7,881	431.3
Wilhelm Bros.	Sharon, R. 2	22.85	R:GrG:GrS		8,502	410.7
Jack Wills	Pulaski, R. 2	11.07	R:GrG		9,039	410.5
Frank L. Minner	Pulaski	13.50	R:GrJ		7,532	397.6
*Mercer County Home	Mercer	30.88	RH		10,932	375.7
L. E. Stewart	Mercer	11.36	Mix		7,633	371.4
W. H. Crawford	Mercer	26.92	Mix		8,662	369.6
Hugh Gilkey	West Middlesex	12.92	GrG		7,685	358.4
F. H. Wheeler	Hubbard, Ohio	9.83	RH		10,150	350.0
W. S. McConnell Estate	Sharpsville, R. 2	24.45	Mix		7,979	330.6
M. E. Robinson & Sons	Mercer	9.35	Mix		6,224	323.8
L. R. Cox	Pulaski	21.91	R:GrG:Mix		6,478	317.9
S. M. McBurney	Sharpsville, R. 2	26.32	Mix		7,187	303.8
P. A. Plants	Jamestown	12.80	PJ:GrH		7,130	301.8
Lloyd Enterline	Jamestown	13.64	GrH		8,358	301.5
Glenn Hoelzle	Sharon, R. 1	10.00	Mix		8,319	300.1
B. F. Cannon	West Middlesex	29.03	Mix		7,227	300.0

* Three times milking.

MIFFLIN COUNTY—(Mifflin No. 1 Association)

Kenneth Wright, Tester, Burnham, Pa.

Jacob I. Yoder	Belleville	9.97	Mixed		11,042	432.0
Paul E. Yoder	Mattawana	12.18	R:GrJ		8,578	431.8
Malta Home Dairy	Granville	17.14	RH		11,260	404.0
David E. Peachey, Jr.	Belleville	11.56	R:GrH		11,061	400.0
John C. Fleming	Belleville	12.33	P:GrH:GrJ		10,203	398.4
Samuel C. Mitchell	Lewistown	18.30	R:GrH		10,240	398.2
Amandus B. Kanagy	Belleville	12.09	Mixed		8,886	377.8
Steve J. Kauffman	Belleville	8.98	Mixed		9,546	372.6
Luther J. Dunmire	McVeytown	9.18	GrH		10,326	369.0
Jacob D. Byler	Belleville	13.19	GrG:H		8,765	367.4
Rudy J. Yoder	Belleville	33.47	P:GrH		10,208	365.6
H. H. Bradford	Lewistown	9.03	RH		9,886	360.9
Edwin S. Hooker	Belleville	17.36	RG		7,244	350.0
Jonathan A. Yoder	Belleville	11.32	GrH		9,610	349.4
H. A. & E. E. Price	Lewistown	12.85	R:GrH		9,771	346.0
M. C. Leonard	Lewistown	8.67	R:GrH		9,600	331.5
W. L. Bradford & Sons	Lewistown	13.56	R:GrH		9,219	327.9
J. Reed Goss	Reedsville	13.19	GrH		8,688	313.4
J. Clinton Bonson	Milroy	9.42	RH		8,960	307.1
W. L. Wray	Reedsville	11.34	GrH		8,400	306.1

MIFFLIN COUNTY—(Mifflin No. 2 Association)

John A. Nale, Tester, Milroy, Pa.

Lewis S. Peachey	Belleville	15.68	R:GrH:Mix		10,187	413.1
C. Wm. Bonson	Belleville	12.54	R:GrH		9,782	338.7
Fred L. Baker	Milroy	7.18	R:GrJ:Mix		7,175	333.2
J. A. Rhodes	McVeytown	7.08	GrShH		7,950	330.0
Reed McNitt, No. 2	Milroy	8.01	R:GrH:GrJ		8,328	329.9
Roy R. Dunmire	McVeytown	7.44	Mix		6,967	324.3
Guy Armstrong	Milroy	5.08	GrH		7,813	305.0
W. B. Nale	Milroy	15.60	GrH		8,268	302.7

MONTGOMERY COUNTY—(Montgomery No. 1 Association)

Delbert Keir, Tester, Norristown, Pa.

Shipley School Farm	Gladwyne	15.45	R:GrG		10,005	479.5
Chas. E. Fetterman	Barto, R. 2	22.45	R:GrH:Mix		10,931	429.0
Eppstein Brothers	Sanatoga	26.36	R:GrG:RH		8,743	396.1

Name	Address	Av. No.		Lbs.	
		Cows	Breed	Milk	Fat
Alvin L. Funk.....	Collegeville, R. 1	19.49	RG	7,559	387.6
J. L. Wood & Sons.....	Red Hill	22.07	RH	10,866	376.4
Harvey Murphy.....	Norristown, R. D.	25.16	GH	9,939	372.6
Wm. Stephens.....	Collegeville	16.85	RA	9,330	368.4
Owen S. Gerhard.....	Palm	24.58	RH	10,464	366.2
Homer Schultz.....	Hereford	17.79	RH	9,671	358.2
Silver Spring Farm.....	Norristown, R. 4	14.27	RG	7,290	357.1
Silver Lake Farm.....	Norristown, R. 3	24.23	RG	7,419	356.2
L. Lindquist & Sons.....	Willow Grove	75.11	R:GrH:G	8,705	351.6
A. D. Irwin.....	Bridgeport, R. D.	24.84	R:GrH	9,296	345.2
S. C. Burton.....	Maple Glen	33.43	RG	6,754	336.6
H. D. Allebach.....	Collegeville	19.71	RH	9,531	331.2
Mrs. Howard Bieler.....	East Greenville	18.30	R:GrH	9,350	328.9
Wayne Schultz.....	East Greenville	15.75	RH	10,221	328.2
Wilbur Seipt.....	Lansdale	6.05	RG	6,586	325.0
Montg. County Home.....	Royersford, R. 1	30.46	RH	9,241	321.3
William Swindell.....	Radnor	23.03	RG	6,257	316.1
Howard L. Baker.....	Center Square	23.92	RH	8,515	309.3
A. K. Rothenberger.....	Lansdale, R. 1	23.33	RH	8,677	309.2
Oscar Rothenberger.....	Lansdale, R. 1	18.55	R:GrH	8,748	305.1
Allen S. Kriebel.....	Hereford	27.86	RH	8,707	303.4

MONTGOMERY COUNTY—(Montgomery No. 2 Association)

David H. Magill, Tester, West Point, Pa.

***Erdenheim Farm.....	Chestnut Hill	15.72	RJ	7,495	412.5
*State Hospital.....	Norristown	135.75	R:GH	10,774	357.8
Carson College.....	Flourtown	9.93	GG:H	10,124	431.4
Charles E. Dearnley.....	Norristown, R. 2	10.82	RG	6,769	309.1
Whitpain Farm.....	Ambler	12.64	RJ	7,363	366.7
William Pratt, Jr.....	Willow Grove	22.14	Mixed	8,711	354.4
Witchwood Farm.....	North Wales, R. D.	31.08	RG	7,487	376.5
**Normandy Farm.....	Norristown, R. D. 3	112.39	RA	9,532	374.5

* Three times milking.

** Part of herd three times milking.

*** Part of herd three times milking for 9 months.

MONROE COUNTY—(Monroe Association)

H. A. Luce, Tester, c/o J. E. McKeehen, Court House, Honesdale, Pa.

Pine Hill Dairy (Gould Bros.).....	Effort	43.68	GrH:GrG	8,504	348.2
Clyde Shaffer.....	E. Stroudsburg, R. 2	13.99	R:GrJ	6,750	322.8
Monroe Co. Home.....	Stroudsburg, R. 2	8.84	R:GrH	8,378	320.9
Van D. Yetter, Jr.....	E. Stroudsburg, R. 2	5.53	Mixed	7,988	314.4
W. B. Flory.....	E. Stroudsburg	9.35	RJ	5,342	292.8
Echo Valley Farm (John Dimmick).....	Shawnee-on-Del.	15.38	GrH	8,085	285.5

NORTHAMPTON COUNTY—(Northampton No. 1 Association)

Claude R. Shultz, Tester, Stone Church, Pa.

Charles Horn.....	Mt. Bethel, R. 1	19.11	RH	12,632	409.0
Wilmer A. Miller.....	Bangor, R. 4	12.47	R:GrH	10,980	401.8
Fred D. Achenbach.....	Pen Argyl, R. 1	5.00	Mix	10,637	400.8
Charles Titman.....	Mt. Bethel, R. 1	14.10	GrH:Mix	10,543	400.3
Frankel Farms.....	Mt. Bethel, R. 1	20.94	R:GrH	11,303	381.2
Claude F. Messinger.....	Bangor, R. 2	9.33	RH	11,039	372.8
John F. Shoemaker.....	Mt. Bethel, R. 1	21.52	R:GrH	10,194	368.6
Frank Butz.....	Bangor, R. 2	5.44	RH	10,858	363.5
Harry Callie.....	East Bangor	13.49	GrH	10,128	359.0
George Butz.....	Bangor, R. 4	12.28	R H	10,464	339.5
Omer Dietterich.....	Mt. Bethel, R. 1	8.44	R:GrH	9,319	338.4

Name	Address	Av. No.		Lbs.	
		Cows	Breed	Milk	Fat
Duran Brothers.....	Pen Argyl, R. 1	22.19	R:GrH	9,228	338.2
Shoemaker & Sons.....	Mt. Bethel, R. 1	22.19	Mix	9,177	335.4
Raymond Beck.....	Mt. Bethel, R. 1	10.34	R:GrH	9,237	334.2
Ira Dutt.....	Bangor, R. 2	12.95	R:GrH	9,427	330.8
Russell Uhler.....	Bangor, R. 4	13.40	GrH	9,656	327.9
Ralph Horn.....	Bangor, R. 2	13.02	P:GrH	9,288	326.8
Elwood Dietterich.....	Bangor, R. 2	6.25	R:GrH	9,592	321.8
Mahlon Lohman.....	Bangor, R. 1	8.15	GrH	8,900	319.9
Ernest Karcher.....	Mt. Bethel, R. 1	11.87	GrH	8,757	316.4
David Ettinger.....	Bangor, R. 2	11.53	GrH	8,773	300.0

NORTHAMPTON COUNTY—(Northampton No. 2 Association)

Charles R. Beck, Tester, Easton, Pa.

Eugene Kostenbader.....	Nazareth, R. 2	10.55	R:GrJ	8,170	364.0
Floyd R. Shook.....	Pen Argyl, R. 1	18.73	RH	9,699	361.0
Smith & Werkheiser.....	Nazareth, R. 3	37.62	GrH:GrG	9,797	354.8
Easton Children's Home.....	Easton	10.88	RH	10,210	351.6
Harry Peters.....	Easton, R. 3	13.44	Mix	8,267	338.4
Harry Clewell.....	Easton, R. 3	13.29	Mix	8,176	333.3
Thomas Kostenbader & Son.....	Nazareth	31.50	R:GrJ:GrG	7,587	331.3
George Willauer.....	Nazareth, R. 3	8.46	RG	7,363	327.3
B. L. Hindenach.....	Easton, R. 4	49.08	R:GrH:		
			R:GrG	9,108	324.6
S. Linford Nicholas.....	Easton, R. 2	6.52	RH	8,170	302.3
Harry Roth.....	Nazareth, R. 2	6.52	RH	8,170	302.3

NORTHUMBERLAND COUNTY—(Northumberland-Snyder Association)

John Ginck, Tester, Sunbury, Pa.

*State Colony.....	Selinsgrove	43.84	R:GrH	15,138	525.2
Ernest E. Ritter.....	Winfield	10.35	RG	8,456	418.8
*Fisher Brothers.....	Kreamer	16.97	R:GrH	10,381	372.9
Clarence M. Bailey.....	Beavertown	11.67	GrH	9,758	357.6
George S. Wesner.....	Watsonstown	17.18	R:GrH:Mix	9,232	353.4
I. O. O. F. Orphanage.....	Sunbury	20.47	R:GrH	9,777	346.4
C. E. Ross.....	Sunbury	5.73	RG	6,899	344.9
*C. E. Witmer.....	Dalmatia	23.69	RG	7,472	336.9
E. G. Winey.....	Middleburg	15.04	RG	6,502	325.0
W. C. Gauger.....	Watsonstown	15.51	RH	10,212	324.1
J. R. Keiser.....	West Milton	8.53	RG	6,789	315.5
G. L. Crissinger.....	Dornsife	14.13	R:GrH:Mix	9,065	311.2
Leon B. Epler.....	Northumberland	9.33	Mix	7,813	302.0

* Three times milking for 3 months.

PERRY COUNTY—(Perry Association)

Bruce E. Beaver, Tester, Millerstown, Pa.

Harry R. Bixler.....	Millerstown	6.01	R:GrH	11,255	401.1
Wm. N. Zimmerman & Son.....	Blain	9.24	R:GrH	10,692	387.6
N. B. Gable Estate.....	Newport	6.57	RH	11,342	379.9
Homer T. Gable.....	Newport	11.56	R:GrH	10,022	343.4
Ward R. Milligan.....	Loysville	13.50	RH	10,311	341.0
W. L. Weibley.....	Ickesburg	11.88	RH	9,292	310.3
John K. Hall.....	Millerstown	13.36	RH	8,798	307.4

POTTER COUNTY—(Potter No. 2 Association)

William McCauley, Tester, c/o Bert Straw, Coudersport, Pa.

Theodore Dunn.....	Coudersport	8.20	RH	9,870	322.9
Harry B. Lent.....	Coudersport	13.54	R:GrH	9,033	313.0

POTTER COUNTY—(Ulysses Association)

Paul J. Gregory, Tester, Ulysses, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs.	
					Milk	Fat
Stanley Welfling	Germania	7.62	P:GrH		11,003	417.9
*J. K. Martin	Galeton	14.23	R:GrH		11,550	409.4
Edward Kosa	Ulysses	12.07	R:GrH:J		9,824	403.9
Erwin Traub	Germania	8.57	RH		10,613	383.7
Straley Bros.	Germania	10.21	R:GrH		10,658	366.9
C. S. Ladd	Ulysses	13.93	R:GrJ		8,936	355.4
Lawrence E. Buck	Ulysses	23.89	RH		9,889	351.0
Rosell Leete	Coudersport	35.95	RH		9,826	338.6
Wm. Van Etten	Harrison Valley	20.33	GrH		9,599	337.6
C. S. Holbert	Genesee	16.68	R:GrH		9,560	335.4
Harry E. Jones	Shinglehouse	9.24	RH		9,531	335.2
Preston Erway	Raymond	24.92	R:GrH		9,803	333.4
W. H. Currier	Genesee	24.84	R:GrH		9,998	325.9
S. L. Cary	Mills	17.38	RH		9,303	319.7
A. R. Judd	Harrison Valley	11.64	R:GrH		9,074	312.6
E. B. Pride	Mills	13.37	R:GrH		8,508	311.6
Archie Baker	Knoxville	16.20	RA		7,563	311.5
O. A. Kibbe & Sons	North Bingham	29.45	RA		7,706	310.9
John Bauer	Emporium	25.19	RH		8,981	310.5
H. C. Holcomb	Coudersport	26.11	GrG:Mix		6,566	309.0
F. M. Handwerk	Germania	10.45	R:GrH		8,195	303.9

* Three times milking for 6 months.

SCHUYLKILL COUNTY—(Schuylkill Association)

Henry Lindner, Tester, Ringtown, Pa.

U. E. Rhein	Pine Grove	12.39	RJ		9,033	460.4
Clarence Breiner	Tamaqua, Rq. 3	14.90	RJ		9,027	450.1
Sharp Mt. Farm	Pottsville	16.38	R:GrH:Mix		11,207	430.5
Buechley Farms	Pottsville	15.65	RJ		6,871	376.0
J. F. Bast & Son	Schuylkill Haven	29.39	RH		10,343	362.1
I. E. Paxson	Schuylkill Haven	16.55	RH		10,106	352.1
Guy S. Reed	Summit Station	15.55	Mix		8,986	350.1
Roy Gauker	Cressona	11.25	GrH		10,226	345.0
Arthur Heisler	Tamaqua, R. D.	20.45	R:GrH		9,104	344.7
Roy Hunter	Ashland	20.74	R:GrH:Mix		9,099	343.8
Webster Wagner	Middleport	41.15	R:GrH:Mix		8,805	335.2
Sch. County Almshouse	Schuylkill Haven	29.69	GrA:R		7,471	322.9
Milton E. Stump & Son	Pine Grove	24.00	RG		6,750	320.4
Luzerne Co. Ind. School						
for Boys	Kislyn	50.50	RH		9,537	320.3
Robert Ludwig	Hegins	24.62	R:GrH:GrG		8,228	306.4
A. T. Riegel	Landingville	28.62	R:GrH		8,691	300.0

SOMERSET COUNTY—(Somerset Association)

Joseph Duncan, Tester, Somerset, Pa.

Ezra Yoder	Grantsville, Md.	15.48	R:GrG		7,753	412.8
Edward Yoder	Grantsville, Md.	14.60	GrJ		7,971	412.2
Meyers Brothers	Meyersdale	20.21	RBrSw		9,705	411.0
Noah S. Beachy	Meyersdale, R. 2	6.16	GrJ		8,843	406.8
Mrs. Alice Brant	Friedens, No. 1	25.54	Mix		8,251	384.1
Mrs. Ida B. Trostle	Hooversville, R. 1	15.18	R:GrG		7,664	383.4
Menno Yoder	Meyersdale	33.88	RJ		7,244	381.4
Eli Yoder	Grantsville, Md.	13.57	RJ		7,333	371.8
W. C. Loechel	Grantsville, Md.	15.44	GrG		7,822	364.0
N. A. Blough	Jerome	13.44	R:GrG		8,382	362.5
James Will	Somerset, R. 5	19.57	Mix		8,703	356.2
John L. Knepper	Berlin, R. 2	19.35	Mix		9,003	354.3
Earl Walker	Berlin, R. 2	13.01	GrG		6,889	354.1

THE PATE SALES COMPANY

KENNETT SQUARE — PENNSYLVANIA

* * *

A service agency available to Pennsylvania
Dairymen for buying and selling dairy
cattle at Private Treaty and
Public Auction.

SCHEDULED SPRING SALES ARE:

Dispersal of the John B. Seitz herd of 40 Bangs' Accredited Guernseys on March 21, 1939, at 2 P. M. on the farm at Camp Hill, Pa.

Dispersal of the Clear View Farm herd owned by Stephen Galubics, Fleetwood, Pa., April 8, 1939, comprising 45 Bangs' Accredited Guernseys.

Dispersal of the well known and Bangs' Accredited herd of 60 Guernseys of the estate of M. M. Hollingsworth, Landenberg, Pa., on May 9, 1939. A line bred herd developed by one of our most capable and best known breeders.

The Annual Pennsylvania Guernsey Sale at Reading, Pa., on May 12, 1939, of the best Guernseys available, selected and approved by a Committee of recognized judges.

CATALOGS WILL BE MAILED ON REQUEST

WALTER F. ANDREWS, AUCTIONEER

H. M. PATE, MANAGER

Name	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
Dr. C. R. Grissinger.....	Somerset	19.23	R:GrJ	6,722	336.6
Galen Platt	Berlin, R. 2	21.59	Mix	7,633	327.7
Charles Hauger	Somerset	14.79	R:GrH:Mix	8,136	327.5
O. W. Beachley.....	Somerset, R. 5	17.58	R:PH	9,173	324.1

SULLIVAN COUNTY—(Sullivan Association)

Maynard Reibson, Tester, Forksville, Pa.

Raymond Hart	Forksville	14.30	R:GrH	9,879	353.5
Thomas A. Doyle.....	Dushore	8.67	RH	10,131	348.5
Clarence W. Henning.....	Mehoopany	20.64	RH	9,358	331.9
Mrs. Pearl Shaffer.....	Forksville	15.95	GrH	8,598	330.6
J. Henry Kneller.....	Dushore	20.24	R:GrH	8,830	315.0
Mrs. B. C. Adams.....	Colley	9.74	GrG	6,170	310.1
Leroy Rohe	Dushore	17.02	GrH	8,997	305.1
Alvin Rightmire	Forksville	20.13	GrH	8,414	302.6
George Edkins	Forksville	10.67	GrH	8,578	300.0

SUSQUEHANNA COUNTY—(Brooklyn Association)

Winfield Ely, Tester, Kingsley, Pa.

Glenn E. Mead.....	Montrose, R. 3	14.93	GrH	8,338	304.8
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SUSQUEHANNA COUNTY—(Choconut Valley Association)

Winfield Ely, Tester, Kingsley, Pa.

Wright Griffin	LeRaysville	12.21	RJ	6,633	376.6
Thomas Murphy	Brackney	18.98	GrH	9,868	373.1
E. B. Campbell.....	Conklin, N. Y.	31.33	Mix	7,885	321.4
A. J. Patton.....	Brackney	18.46	R:GrH	8,651	302.6

SUSQUEHANNA COUNTY—(Gelatt-So. Gibson Association)

Robert Titman, Tester, Dimock, Pa.

Curtis Allen	Nicholson	15.27	P:GrH:GrG	10,215	408.2
*Cordie Allen	Nicholson	18.48	RH	11,972	405.2
A. L. Howell.....	Thompson	19.47	RH	11,073	397.4
Roy Wilmot	Jermyn	15.54	R:GrH	9,393	353.4
Everett Lee	Carbondale	15.25	R:GrH	9,001	339.4
**A. B. Jackson.....	Harford	23.17	R:GrH	9,416	327.9
Miller Farms	Thompson	33.74	GrH:GrG	9,354	323.3
W. J. Horton.....	Clifford	23.54	R:GrH:GrJ	9,268	319.1
Delos Stone & Son.....	Thompson	28.33	P:GrH	9,096	316.0

* Part of herd milked three times daily for 3 months.

** Part of herd milked three times daily for 1 month.

SUSQUEHANNA COUNTY—(Western Susquehanna No. 1 Association)

Arthur Clink, Tester, Montrose, Pa.

Floyd Hibbard	Springville	8.44	RH	11,552	391.9
Floyd Coy	Montrose	24.61	RH:GrH	10,532	370.5
S. C. Birchard & Son.....	Birchardville	47.48	RJ	6,649	363.9
R. L. Carter.....	Montrose	25.91	RG:GrG	6,845	342.9
D. Fred Birchard.....	Birchardville	26.68	RJ	6,075	338.1
Clinton Button	Springville	17.61	RH	9,824	330.8
Fernheim Farms	Montrose	17.64	RA	7,344	305.2
S. R. Ellsworth.....	Meshoppen	13.99	RH	8,580	303.2

SUSQUEHANNA COUNTY—(Western Susquehanna No. 2 Association)

Robert M. Roderick, Tester, c/o County Agent, Montrose, Pa.

Ray Walworth	New Milford	19.27	R:GrH	12,235	426.7
Dewitt Griffing	Montrose	23.47	RH	10,638	423.8
Cope Farm	Dimock	28.58	RH	11,330	407.8

Name	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
Louden Hill Farms.....	S. Montrose	195.29	R:GrH:Mix	10,454	403.2
Guy Robinson	Montrose	19.02	RH	11,297	380.5
Theron Cooley	Nicholson	17.39	R:GrH	10,471	375.3
Ely Bros.	Kingsley	63.66	R:GrH:Mix	9,946	365.9
Tiffdale Farm	Brooklyn	28.72	R:GrH:R:GrG	8,812	361.3
John Campbell	Conklin, N. Y.	39.27	Mix	8,544	360.0
W. H. Parks.....	Susquehanna	20.97	GrH	9,332	335.8
James W. Ball.....	Montrose	29.66	R:GrH	9,797	330.1
Carlton Farms	Montrose	26.43	R:GrG	6,538	320.3
Roy L. West.....	Hop Bottom	27.61	RH	8,403	310.8

TIOGA COUNTY—(Cowanessque Valley Association)

Robert D. Gingerich, Tester, Knoxville, Pa.

Henry Doan	Knoxville	16.59	R:GrH	11,301	384.1
G. W. Simmons.....	Westfield, R. 1	12.90	GrH:Mix	8,496	359.6
L. G. Hunt.....	Westfield, R. D.	18.04	R:GrH	9,629	341.9
Albert Newland	Knoxville	11.86	GrH	9,451	340.8
U. O. King & Son.....	Knoxville	23.90	R:GrG	7,223	331.7
Basil King	Westfield, R. 2	18.85	R:GrG	7,036	330.4
Albert Dearman & Clyde					
Wilson	Knoxville	7.67	RH	8,961	319.4

TIOGA COUNTY—(Jackson Association)

Ward McConnell, Tester, Millerton, Pa.

E. N. Garrison.....	Millerton	16.07	RJ	7,735	422.8
Noel Card	Lawrenceville	6.47	RJ	7,265	402.7
Curtis Smith	Gillett	29.13	RJ	7,502	377.9
Smith & Jones.....	Millerton	18.08	R:GrJ	6,627	335.5
Frank J. Allen.....	Lawrenceville	18.12	RJ	6,820	325.4
Glenn Noble	Gillett	30.21	R:GrJ	6,165	322.1
Firmund Friends	Millerton	9.46	Mix	7,142	311.9
W. A. Segar.....	Millerton	17.61	R:GrG	6,431	311.4
W. N. Smith.....	Millerton	19.25	R:GrH:Mix	7,081	307.9
W. E. Garrison.....	Millerton	23.22	RG	6,155	307.3
E. B. Spencer & Son.....	Millerton	24.88	RH	8,374	300.0

TIOGA COUNTY—(Liberty Association)

Leo Plank, Tester, Liberty, Pa.

Wilbur Brion	Liberty	13.79	GrH:Mix	9,363	404.4
Ed. W. Brion.....	Liberty	13.38	RJ	7,036	378.9
Gordon Parker	Liberty	21.61	R:GrH	10,136	364.7
Dan Bonnell	Liberty	15.15	R:GrJ	7,169	358.0
Halleck Holcomb	Liberty	9.30	R:GrH	8,665	338.4
Ernest Loudenslager	Liberty	24.74	GrH:Mix	8,129	326.1
Albert Norman	Liberty	17.58	RJ	6,060	318.2

TIOGA COUNTY—(Mansfield Association)

C. T. Jones, Tester, Box No. 403, Mansfield, Pa.,

*East Brook Farm.....	Covington	17.39	RH	12,573	428.0
F. O. Purvis.....	Covington	31.19	R:GrH:Mix	10,318	422.5
Ernest M. Bolt.....	Covington	23.04	R:GrH:Mix	10,365	398.1
C. R. Carpenter.....	Crooked Creek	17.25	RH	10,659	385.1
Carl Hasker	Wellsboro	7.92	RH	9,787	346.5
Mark Wood	Mansfield	26.27	RH	9,427	328.5
R. B. Owlett.....	Mansfield	19.89	R:GrH:Mix	8,449	319.5
Jerome Niles	Wellsboro	18.12	RH	8,917	314.1
Cleveland & Benson.....	Mansfield	31.56	GrH	8,290	308.7

* Three times milking for 8 months.

TIOGA COUNTY—(Wellsboro Association)

George W. Thompson, Tester, Box No. 604, Wellsboro, Pa.

Name	Address	Av. No.	Breed	Milk	Fat
*P. P. Korb.....	Wellsboro	7.39	R:GrJ	9,816	463.8
**Roy S. Bowen.....	Wellsboro	15.72	RH	13,301	462.1
George B. Butler.....	Wellsboro	15.13	R:GrG	7,948	372.9
M. L. Parsons.....	Mansfield	9.93	RH	10,061	355.1
Ralph Sampson.....	Crooked Creek	12.04	RH	9,772	343.6
County Farm.....	Wellsboro	22.25	RA	9,378	342.9
Angie Bailey.....	Middlebury Ctr.	18.41	R:GrG	7,263	337.8
Eatoncroft.....	Wellsboro	24.71	RJ	6,741	335.7
Clark Bowen.....	Wellsboro	10.04	RH	10,661	329.9
Ivan Kinnan.....	Middlebury Ctr.	24.17	R:GrH:GrG	8,671	320.6
T. J. Erway.....	Wellsboro	13.95	RH	9,349	313.7
Jos. & Harry Davis.....	Little Marsh	23.86	R:GrH	9,375	312.4
***M. A. Youmans.....	Mansfield	20.85	R:GrH	8,754	312.2
H. B. Cloos.....	Middlebury Ctr.	12.00	Mix	7,916	311.1
W. E. Close, No. 2.....	Tioga	28.93	R:GrH	7,778	301.8

* Three times milking.

** Three times milking for 9 months.

*** Three times milking for 3 months.

UNION COUNTY—(Buffalo Valley No. 1 Association)

Oscar H. Rockey, Tester, 357 Chestnut St., Mifflinburg, Pa.

R. J. Smith.....	Millmont	6.47	RH	12,101	447.5
**L. S. Village.....	Laurelton	37.59	R:GH	12,999	427.4
***J. L. Reitz.....	Lewisburg	27.82	RH	11,563	422.3
*A. C. Slifer.....	Lewisburg	10.08	RH	10,880	388.5
Ralph Erdley.....	Lewisburg	13.77	RH	10,495	384.2
H. K. Benner.....	Vicksburg	9.50	RH	10,397	363.0
John S. Wehr.....	Mifflinburg	26.05	R:GG:RH	9,362	360.4
Wm. S. Erdley.....	Mifflinburg	13.02	RH	9,958	357.8
J. D. Shreck.....	Lewisburg	21.82	RH:GG	9,486	348.0
Calvin Stahl Estate.....	Lewisburg	10.72	RH	9,747	341.3
Wm. J. Erdley.....	Mifflinburg	12.73	RH	9,609	337.3
H. A. Walter & Son.....	Lewisburg	15.27	RH:Mix	9,090	337.2
G. Asher Erdley.....	Lewisburg	11.54	RH	9,540	336.6
J. S. Zeigler.....	Lewisburg	20.47	RH	9,358	335.8
Shoemaker & Cole.....	Vicksburg	11.13	R:GH	8,826	332.9
W. T. Kostenbader.....	Lewisburg	10.67	RH	8,611	317.4
David E. Voneida.....	Lewisburg	17.11	RBS	7,502	312.8
George L. McCormick.....	Allenwood	9.08	RH	8,928	312.6
R. E. Musser.....	Lewisburg	17.37	RH	8,869	302.0

* Three times milking.

** Part of herd three times milking.

*** Part of herd three times milking for 9 months.

VENANGO COUNTY—(Venango Association)

John E. Baker, Tester, Box 468, Franklin, Pa.

River Ridge Farm.....	Franklin	7.00	RJ	8,629	467.9
*Polk State School.....	Polk	144.28	RH	12,819	456.6
W. E. Stewart.....	Titusville, R. 4	14.36	GrG: Mix	7,703	352.5
R. Wayne Fish.....	Carlton, R. 1	10.18	R:GrG	7,057	337.9
D. H. Morrison.....	Van, R. 1	11.22	RG	6,566	330.4
Frank W. Riddle.....	Emlenton, R. 2	7.56	RJ	6,170	328.8
Graham & Marsteller.....	Franklin, R. 1	14.28	R:GrG	7,779	325.4
Rosemont Farm.....	Franklin	16.99	RJ	5,892	315.5
Charles Campbell.....	Emlenton, R. 2	10.17	GrG	6,250	307.3

* Three times milking.

WARREN COUNTY—(Warren Association)

Mervin C. Schuckers, Tester, Spring Creek, Pa.

Name	Address	Av. No.	Breed	Milk	Fat
Carl Johnson.....	Sugar Grove	14.57	Gr:H	11,352	430.3
Arthur Brundage.....	Spring Creek	11.90	Mix	9,896	407.5
*State Hospital.....	North Warren	117.01	RJ	11,711	405.0
Carl Norbeck.....	Sugar Grove	34.41	RH	10,757	375.2
Mrs. A. J. Leofsky.....	Spring Creek	15.64	Gr:H:Gr:J	9,553	369.1
William Armitage.....	Spring Creek	30.36	Gr:H:Mix	9,559	364.1
Mattie Whitely.....	Spring Creek	12.23	R:GrH:GrJ	9,206	362.9
Monroe Upton.....	Spring Creek	15.16	GrH	8,889	353.0
Carleton Curtis.....	Columbus	28.23	RJ	6,427	336.1
Tubbs Bros.....	Spartansburg	13.16	GrH:GrG	8,161	331.7
Thayne Tubbs.....	Spartansburg	18.64	Mix	8,057	327.2
Geo. W. Maxwell.....	Spring Creek	16.31	GrJ	6,241	306.9
Wetmore Farm.....	North Warren	30.86	R:GrH:Mix	7,273	303.5

* Three times milking.

WASHINGTON COUNTY—(Washington Association)

Robert C. Mayhew, Tester, Box 154, Monongahela, Pa.

Washington Co. Home.....	Washington	33.60	RH	11,924	412.1
Alex. Hamilton & Son.....	Washington, R. 5	15.38	R:GrG	7,768	383.4
*Pa. Training School.....	Morganza	44.74	R:GrH	11,708	378.7
Perry F. Morris.....	Charleroi, R. 1	16.40	PJ	7,197	374.5
J. Clarence Paxton.....	Washington, R. 1	14.20	RH	10,757	370.9
A. W. Morrison.....	Eighty-Four, R. 1	10.08	RJ	6,720	362.6
Roy Robison.....	Coal Center, R. 1	29.50	R:GrJ	7,010	358.0
Guy A. McWreath.....	McDonald, R. 1	20.77	RH	10,567	355.0
Hank Bros.....	Monongahela, R. 1	23.75	R:GrG:GrH	7,623	343.2
J. Ard Cowden.....	McDonald, R. 4	23.30	RH:GrG	8,451	331.9
Edward Walker.....	Washington, R. 4	13.44	RJ	7,039	330.8
W. Lee Cowden.....	McDonald, R. 4	23.30	R:GrG:GrH	7,663	316.1
Roy J. Rankin.....	Eighty-Four	9.68	Mix	8,210	313.1
Hugh Berry.....	Eighty-Four, R. 2	6.26	Mix	8,135	310.6
Paul Lewis.....	Washington, R. 4	21.23	R:GrG	6,086	302.3

* Part of herd three times milking.

WAYNE COUNTY—(Clinton Association)

Walter L. Haldeman, Tester, Honesdale, Pa.

Stephen O. Snedeker.....	Waymart, R. 1	20.99	R:GJ	8,929	486.1
**Lester R. Male.....	Honesdale	19.15	R:GH	12,828	445.3
*Farview State Hospital.....	Waymart	42.65	R:GH	11,997	412.8
***Clarence Mease.....	Pleasant Mount	18.91	R:GH	11,659	411.9
Bethany H'm'd Farms, Inc.....	Honesdale	58.95	RG	7,915	403.2
George W. Roesner.....	Aldenville	15.30	RJ	8,026	400.0
W. F. Hauenstein & Son.....	Waymart, R. 1	28.50	RJ	7,788	395.9
Henry A. Robinson.....	Seelyville	9.49	RJ	6,789	389.1
Russell G. Erk.....	Prompton	38.09	RJ	7,125	379.4
C. F. Drake.....	Waymart	40.96	P:GJ:P:GH	8,794	359.4
B. F. Kennedy.....	Pleasant Mount	28.43	GH	10,879	352.6
Edward Erk.....	Seelyville	33.99	RJ	6,370	351.0
Chester Rickard.....	Honesdale	24.60	RH:GJ	7,616	312.1
Russell Trevethan.....	Honesdale	27.65	GJ:GH	7,306	302.8
Wm. B. O'Neill.....	Pleasant Mount	24.11	R:GH	7,883	300.2

* Three times milking.

** Three times milking for 8 months.

*** Three times milking for 5 months.

WAYNE COUNTY—(Damascus Association)

Seeley F. Ferris and Kermit Witmer, Testers, Honesdale, Pa.

Name	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
*C. E. Canfield.....	Damascus	18.26	RH	12,448	454.4
Cord Meyer, Jr.....	Lookout	19.83	R:GH	10,300	373.1
Warner J. Robbins.....	Beach Lake	17.31	RH	10,266	363.7
T. H. Olver.....	Beach Lake	24.43	R:GH	9,814	363.5
Russell Sheard.....	Milanville	29.11	P:GH	10,013	351.5
Otis LaTourette.....	Honesdale, Star Rt.	30.30	GrH	8,842	344.5
Emmitt Olver.....	Honesdale, R. 4	32.56	RH	9,189	341.6
Emmitt Hathaway.....	Equinunk	14.49	GrJ	7,036	328.5
Henry Riefler.....	Honesdale	27.57	GrG	7,752	323.4
W. H. Brunig.....	Honesdale	29.86	GH:Mix	7,857	307.2
J. R. Stalker.....	Equinunk	13.12	R:GH	8,181	300.0
Russell G. Ridd.....	Honesdale, R. 5	23.48	GrH	8,092	300.0

* Three times milking for 6 months.

WAYNE COUNTY—(Lake Ariel Association)

H. A. Luce, Tester, Honesdale, Pa.

Simpson Stock Farm.....	Lake Ariel	27.65	RH:GrG	9,714	389.3
Arden Edwards.....	Waymart	15.87	RG	7,755	373.7
Jesse Miller.....	Waymart, R. 2	17.07	GrH	10,309	368.5
B. S. Banks.....	Panther	12.49	R:PH	10,452	357.1
John Cobb.....	Lake Ariel	22.46	GrG	6,947	334.7
Ray C. Friebele.....	Greentown	10.22	R:PH	9,130	329.9
D. L. McKinney.....	Lake Ariel	11.56	R:GrG	6,842	306.6

One of the Oldest, Largest and Best Ayrshire Herds in the United States

RECORDS UNEQUALLED IN HERD TESTING

1930	38 cows avg.	10082 lbs. Milk	417 lbs. Fat	4.14%
1931	39 cows avg.	10808 lbs. Milk	448 lbs. Fat	4.14%
1932	50 cows avg.	10971 lbs. Milk	463 lbs. Fat	4.22%
1933	43 cows avg.	11364 lbs. Milk	478 lbs. Fat	4.20%
1934	47 cows avg.	10499 lbs. Milk	446 lbs. Fat	4.25%
1935	52 cows avg.	10312 lbs. Milk	440 lbs. Fat	4.26%
1936	60 cows avg.	11429 lbs. Milk	473 lbs. Fat	4.15%
1937	54 cows avg.	11056 lbs. Milk	472 lbs. Fat	4.27%
1938	41 cows avg.	10597 lbs. Milk	451 lbs. Fat	4.25%

Why not place your order now for a future herd sire out of cows who have made these yearly averages and sired by the breed's most prepotent sire, the noted "Advancer," and the Grand Champion bull, Cowgrove Golden Sun, Imp. This is an ideal combination for type and production.

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E. R. FRITSCH, Owner PETER KEARNS, Herdsman B. D. HARVEY, Supt.

WAYNE COUNTY—(Preston Association)

P. H. Capewell, Tester, Starrucca, Pa.

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
C. F. Roney.....	Preston Park	10.39	GJ:H		9,533	452.7
Robert Early.....	Deposit, N. Y., R. D.	20.95	RG:H		9,216	345.1
John Tully.....	Lakewood	26.03	R:GH		9,089	326.4
B. F. Holbert.....	Starrucca	11.85	Mix		8,526	323.5
Elmer K. Doyle.....	Pleasant Mount	30.44	R:GH		8,798	303.9

WESTMORELAND COUNTY—(Westmoreland No. 1 Association)

Galen Furry, Tester, Greensburg, Pa.

Walter Lash.....	West Newton, R. 1	13.83	RG		9,290	392.8
Joseph Kim.....	Larimer	14.44	R:Gr:Mix		9,449	390.1
J. C. Gaut.....	Alverton	19.54	R:GrH		10,320	370.2
R. A. Eisaman.....	Irwin, R. 3	19.88	RH:GrG		9,109	367.6
Westm'd Homesteads.....	Norvelt	30.96	R:GrG		7,831	367.3
L. M. & V. B. Waddle.....	Saltsburg	9.50	RH		11,378	364.1
H. C. Waugaman.....	Greensburg, R. 4	10.90	R:GrH:PJ		8,281	356.8
Dr. Fred Wohlwend.....	Salina	12.49	RSw		8,645	347.5
Donald S. Rogers.....	Scottdale	15.82	RG		7,310	335.5
S. W. Heath.....	Belle Vernon, R. 2	15.24	R:GrG		6,930	332.9
W. M. Chicka.....	New Alexandria	12.99	R:GrH:			
			R:GrG		8,372	332.3
Charles A. Baird.....	Salina	10.38	RG		6,949	331.3
F. M. Kintigh.....	Irwin, R. 2	13.22	Mix		8,223	322.6
R. C. Lemon & Son.....	Saltsburg	12.37	R:GrH		9,330	318.9
Lemon's Dairy.....	Saltsburg	19.18	P:GrH		8,930	313.7
Todd Brothers.....	Belle Vernon	17.25	R:GrG		6,526	308.9

WESTMORELAND COUNTY—(Westmoreland No. 2 Association)

Robert C. Lydick, Tester, Greensburg, Pa.

*Westm'd County Home.....	Greensburg	25.69	RH		14,412	533.3
Bethlen Home.....	Ligonier	11.00	R:GrH		9,557	336.2
J. P. Martin.....	Blairsville, R. 3	15.49	RJ:GrH		7,491	321.8
J. E. Wineman.....	Youngwood	16.40	R:GrH:Mix		9,135	320.8
J. Calvin Turner.....	Pricedale	17.50	R:GrG:GrH		8,023	320.0
Geo. H. Patterson.....	Belle Vernon, R. 2	16.98	RG		6,130	314.1
D. W. Robertson.....	Belle Vernon, R. 1	20.68	R:GrG:GrH		6,976	307.7
Clay C. Ruff.....	Slippery Rock	19.25	GrH		8,522	300.4

* Three times milking.

WYOMING COUNTY—(Wyoming Association)

Testers: Charles Henry, Mehoopany, Pa., and Donald Hindman, Dalton, Pa.

*R. C. Erhardt.....	Dalton, R. 2	7.67	RH		14,367	502.9
F. M. Riker.....	Factoryville, R. 1	14.19	RH		12,266	435.9
Arthur Gay & Son.....	Dallas, R. 3	18.00	R:GrH		12,040	428.1
A. S. Hallock.....	Laceyville	13.50	RH		11,609	421.6
Vaughn Bros. (Herd No. 2).....	Mehoopany	20.65	RH		11,601	392.7
Bern Adams.....	Mehoopany	7.37	GrH		10,201	389.1
E. V. Prevost.....	Tunkhannock	20.39	RH		11,698	386.8
Wm. N. Lane.....	Tunkhannock	13.78	RH		8,122	383.4
B. B. Harding.....	Tunkhannock	16.95	R:GrH		10,428	351.6
H. C. Sharpe & Son.....	Laceyville	12.88	RH		9,585	337.6
C. B. Allshouse.....	Tunkhannock, R. 2	17.30	Mix		7,763	336.8
John Hewitt.....	Dallas, R. 1	15.27	R:GrH:Mix		8,169	331.5
J. F. Bedford & Son.....	Tunkhannock, R. 2	11.04	GrH		9,264	328.0
John L. Champion.....	Laceyville, R. 2	10.35	RSh:GrG		7,613	320.3
C. Burton Dana.....	Tunkhannock, R. 5	11.54	Mix		8,120	309.9
Oscar Sickler.....	Osterhout	18.74	R:GrH:Mix		7,673	309.2

Name	Address	Av. No.	Cows	Breed	Lbs. Milk	Lbs. Fat
H. B. Schooley	Dallas, R. 3	5.91	RA:Gr:RG		7,495	306.5
Vaughn Bros. (Herd No. 1)	Mehoopany	24.92	R:GrG		6,302	300.5

* Three times milking.

YORK COUNTY—(Central York Association)

Wells Hoover, Tester, Wellsville, Pa.

Ralph Wagner	Spring Grove	17.10	GH:Mix		9,907	379.1
W. A. Gross	York, R. 1	22.98	R:GG		7,480	351.3
Cleon Stover	Spring Grove	13.55	R:GG:			
			R:GH:		8,277	350.8
Wm. H. Stough	York, R. 1	18.39	R:GH		9,151	336.3
W. E. Beard	Hellam	20.79	R:GG		6,847	324.0
C. H. Gross	Manchester	14.92	RH:GG		7,881	323.7
Geo. J. Campbell	York, R. 6	44.30	RG		6,673	317.3
J. M. Jordan Sons	Stewartstown	17.28	R:GH:R:GG		7,736	315.8
*Wm. Campbell	Whiteford, Md.	10.78	GG		6,761	314.6
Edwin H. Fink	York, R. 4	20.00	RH		10,197	310.3

* Part of herd milked three times daily.

YORK COUNTY—(Northern York Association)

George W. Strock, Tester, R. 2, Mechanicsburg, Pa.

David Bahn & Son	York, R. 3	17.17	R:GG:Mix		9,718	410.8
W. F. Dummer	Mt. Wolf	14.83	Mix		9,334	404.8
J. A. Poorbaugh	York, R. 3	37.64	R:GG		8,414	402.6
N. E. Rishel	York, R. 5	17.36	RH:GG		10,780	395.3
J. S. Brant	Dallastown	28.34	R:GG		8,068	379.2
Elmer Eichelberger	Lewisberry	12.82	R:GH		9,782	368.9
C. Allen May	York, R. 5	37.18	R:GG		7,213	341.1
Jonas Gruver	Thomasville	24.09	RH		9,687	337.6
Maurice A. Hutton	Etters	15.56	R:GH		9,017	328.0
M. J. Gentzler	York, R. 1	16.20	RH		10,221	327.4
J. Raymond Arnold	Hellam	49.70	R:GG		6,974	321.2
Chas. A. Schaefer	York	16.19	RG		6,081	319.0
Innerst Bros.	Dallastown	25.00	R:GH		9,269	318.5
*Old Forge Farms	Spring Grove	141.28	RA:RJ		6,783	311.5
John B. Seitz	Camp Hill	17.52	R:GG		6,625	308.7
F. L. Krall & Son	East Berlin	31.95	RH		8,500	300.0

* Three times milking for 3 months.

YORK COUNTY—(Southern York Association)

Robert M. Scott, Tester, R. 3, Delta, Pa.

*Lauxmont Farms	Wrightsville	116.60	RH		11,755	440.4
Dale D. Kilgore	Woodbine	11.84	R:GG		8,615	428.2
H. Dale Malone	Delta	8.24	Mix		9,118	415.3
*Jay Bee Farms	York New Salem	46.55	RA		10,002	407.2
Samuel Stewart	Delta	7.60	Mix		9,661	387.2
Guy A. Snodgrass	Woodbine	8.99	Mix		8,239	386.6
Wm. J. Parlett	Woodbine	13.42	GG		7,917	383.2
J. Roy Runkle	Stewartstown	15.60	RH:Mix		9,213	381.6
Roy Heaps	Felton	8.36	R:GH		10,000	375.2
Emory M. Kilgore	Woodbine	16.68	R:GG		7,334	353.7
J. H. Handley	Delta	10.44	RBS:Mix		8,585	351.3
W. T. Richardson & Son	Whiteford, Md.	15.69	R:GG:Mix		7,893	346.9
W. S. Grimm	Red Lion	56.90	RH		9,201	338.1
James N. Mackison, Jr.	Delta	8.08	Mix		8,128	330.2
Mrs. Mary M. Grove	Bridgeton	10.82	Mix		7,532	321.5
H. J. Handley	Delta	18.60	RBS		7,723	320.7
Mrs. Anna B. Wilson	Bridgeton	16.36	R:GG		6,672	311.4
Andrew R. Smith	Delta	11.87	GG		7,067	301.7

* Three times milking.

Dairy Cow Life Time Production Records

5,000 POUNDS BUTTERFAT AND OVER

TOTALING 18 COWS

* Still producing. ** Final record, dead. RG—Reg. Guernsey. RH—Reg. Holstein. GrH—Grade Holstein. GrG—Grade Guernsey.

Central Pennsylvania Guernsey Breeders' Association—Cambria County

Cow's Name and Number Breed Born Yrs. on Test Milk Butterfat

W. Griffith Estate, Ebensburg, Pa.
Goldie's Beauty of Ebg. 99829...RG 8-15-19 10y-331d 137,971 6,069.7**
Period on Test: From July 1, 1921 to February 28, 1925

First Jefferson D. H. I. A.—Jefferson County

A. J. Bullers & Son, Brookville, R. 6

Leeda Elaine of Hazen 192304...RG 4-15-25 9y-299d 88,893 5,117.4*
Period on Test: From July 1, 1927 to June 21, 1938

Westmoreland D. H. I. A., No. II—Westmoreland County

Westmoreland County Home, Greensburg, Pa.

Hengerveld Pontiac Girl Echo,
1311998RH 5-28-25 9y-184d 172,626 5,846.2*
Period on Test: From September 1, 1928 to August 21, 1938

Centre County D. H. I. A. No. 1—Centre County

Western Penitentiary, Bellefonte, Pa.

No. 521GrH 11-2-24 10y-317d 187,269 5,824.9**
Period on Test: From August 1, 1927 to June 5, 1938
No. 728GrH 8-12-27 8y-172d 158,313 5,109.4*
Period on Test: From August 1, 1929 to June 5, 1938

Chester Valley D. H. I. A.—Chester County

Richard L. Fox, Downingtown, Pa.

PeggyGrG 12y-30d 105,631 5,175.5**
Period on Test: From April 1, 1924 to March 31, 1937

Buffalo Valley D. H. I. A. No. 1—Union County

A. C. Slifer, Lewisburg, Pa.

Blanche Ormsby Piebe Posch,
1021671RH 5-11-25 11y- 135,885 5,464.0*
Period on Test: From July 1, 1927 to June 17, 1938

Original Cumberland County D. H. I. A.—Cumberland County

Ivo O. Otto, Carlisle, Pa., R. D. 6

B. S. Bonair Hartog, 1085903...RH 3-5-25 11y- 45d 158,775 5,928.9*
Period on Test: From September 1, 1926 to September 7, 1938

Abner E. Rider, Mechanicsburg, R. D. 2

Queen Polly Aaggie, 904719...RH 9,15-22 13y 147,050 5,471.4*
Period on Test: From November 1, 1925 to September 10, 1938

(Continued on Page 72)

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>J. H. Lear, Carlisle, R. D. 5</i>					
Pineland Ona Segis, 1163300....RH		5-23-26	9y-304d	143,908	5,029.3*
Period on Test: From October 1, 1928 to October 1, 1938					

Northern Butler D. H. I. A.—Butler County*Hugh Fergus, Slippery Rock, Pa.*

Topsy	GrG	11y-324d	128,854	5,436.2*
Period on Test: From June 1, 1926 to March 31, 1938				

Washington County D. H. I. A.—Washington County*Pennsylvania Training School, Morgantown, Pa.*

350-Diana Belais Lorine 632882.RJ		7-21-24	8y-242d	96,259	5,016.9**
Period on Test: From September 1, 1927 to March 27, 1936					

Lebanon County D. H. I. A.—Lebanon County*Jacob N. Smith, Annville, R. D. 1, Pa.*

Ancora, 207254	RG	2-4-26	10y	114,403	5,462.9*
Period on Test: From July 1, 1928 to June 24, 1938					

Venango County D. H. I. A.—Venango County*Polk State School, Polk, Pa.*

Janek Pontiac Netherland, 5th, 1030816	RH	12-16-24	9y-316d	143,650	5,429.1**
Period on Test: From June 13, 1937 to April 30, 1938.					

Polk State School, Polk, Pa.

Mead DeKol Janek 4th, 952837.RH		1-12-24	11y-144d	156,175	5,142.6**
Period on Test: From August 2, 1926 to January 11, 1938					

Wellsboro D. H. I. A.—Tioga County*Roy S. Bowen, Wellsboro, Pa.*

Winnie Ormsby Pontiac FINDERNE 1027092	RH	10-13-24	11y	204,143	6,209.8*
Period on Test: From December 1, 1926 to October 17, 1938					
Gwenne Junior Ormsby FINDERNE 907025	RH	11-5-23	11y	172,048	5,518.8*
Period on Test: From December 1, 1926 to October 17, 1938					

Northern York County Association—York County*J. Raymond Arnold, Hallam, R. D. 1, Pa.*

Mandy 6	GrG	1925	11y	118,836	5,013.5*
Period on Test: January 13, 1928 to January 13, 1939					

Dairy Cow Life Time Production Records**3,000 POUNDS BUTTERFAT AND OVER**

TOTALING 144 COWS 4,000 LB.—525 COWS 3,000 LB.

*—Still Producing.

**—Final Record, Dead.

***—Sold.

ADAMS COUNTY—Year Ending June 30, 1938

John F. Yocum, Tester, Court House, Gettysburg, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Mrs. Rose Murren, Hanover, R. D. 4</i>					
Floss Pa 45028L.....	GrG	1922	11y	75,893	3,362.2*

ALLEGHENY COUNTY—Year Ending May 23, 1938

Alfred Shingledecker, Tester, 439 Union Ave., Ingram, Pittsburgh, Pa.

J. F. Byers, Sewickley, Pa.

Wyomissing Leda, 178946.....	RG	9-9-24	10y-243d	100,613	4,886.6*
Wyomissing Deanie, 203326.....	RG	10-30-25	8y-321d	72,127	3,393.2**
Goodwood Nannette, 325877.....	RG	5-14-28	7y-292d	61,590	3,336.2*

R. M. Donaldson, Midway, Pa.

Penshurst Mab, 72588.....	RA	2-10-22	12y	117,484	4,880.2**
Grand Master's Gilda, 100150....	RA	9-29-26	9y-218d	116,655	4,612.7*
Maud's Laura, 95275.....	RA	12-23-24	9y-244d	93,702	3,567.8***
Lucinda of Summerhill Farm, 105886	RA	10-7-27	8y-165d	78,747	3,121.3*
Betty's Princess of Za Omagh, 98929	RA	5-6-26	8y-237d	73,551	3,015.7***

John Bamford, Midway, Pa.

Hazel Romis Cowslip, 725569....	RH		8y- 19d	85,084	4,838.6**
Marigold's Helen, 574596.....	RJ	12-10-21	9y-153d	83,229	4,562.0***
Meridale Jap's Myra, 611117....	RJ	3-18-23	9y- 65d	98,994	4,556.6**
Lookout Laddie's Pet, 686745....	RJ	3-9-24	10y-127d	91,034	4,418.5***
Meridale Jap's Dream Girl, 686741	RJ		8y-115d	71,986	4,204.9***
Hazel Romis Dorthea, 725568....	RJ	1-31-25	10y-164d	86,632	4,148.4***
Hazel Romis Plain Jane, 779509.RJ		11-16-25	7y-248d	74,041	4,096.7***
Meridale Jap's Melissa, 686742..	RJ	11-2-20	9y-275d	84,699	4,077.1***
Gertie Lucile Bess, 823254.....	RJ	7-20-27	8y-254d	71,141	3,955.3*
Miss Jane Marigold, 397086....	RJ	11-5-13	10y	64,274	3,308.8***
Rose's Flower, 524597.....	RJ	1-10-22	8y-184d	64,501	3,271.0**
Meridale Jap's Plane Jane, 686740	RJ	10-22-20	7y-209d	57,504	3,035.7**

Allegheny County Home, Woodville, Pa.

Dora Pontiac Echo, 1090997.....	RH	10-19-25	10y- 32d	150,809	4,620.1*
Madam Empress Sylvia, 1026050.RH		1-21-25	9y-270d	114,170	3,825.4***
Fayne Hengervild Devries, 1303368	RH	10-26-28	7y-140d	115,172	3,746.7*
DeKol Pontiac Minerva, 1084508.RH		2-15-26	9y-113d	124,045	3,692.4***
Schuling Pontiac, 1234620.....	RH	4-4-27	7y-339d	95,508	3,400.2***
Lela Pride Mildred, 1330074....	RH	12-5-28	7y- 21d	96,785	3,331.8*
Pauline Sylvia Sarcastic, 1303360.RH		7-16-28	7y-194d	94,052	3,311.3*
Adaline Artis Sylvia, 724647....	RH	12-21-21	8y	102,049	3,214.0***
City Limit Sylvia, 961116.....	RH	2-27-24	6y-339d	86,069	3,034.8***
Hengervild Artis Sylvia, 1330076.RH		1-22-29	7y- 89d	87,484	3,026.7*
Creteria Pontiac Sylvia, 1084504.RH		11-29-25	7y-317d	89,822	3,013.3***

Dundee Farm, Sewickley, Pa.

Dundee Alice, 323069.....	RG	9-6-30	5y-207d	65,920	3,449.2*
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ARMSTRONG COUNTY—Year Ending July 31, 1938

Roy L. Isenberg, Tester, Kittanning, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>R. D. Marshall, Beyer, Pa.</i>					
Alcartra Johanna Della, 14565...	RH	1-29-25	7y-243d	104,270	3,453.6**

BERKS COUNTY—Year Ending Aug. 31, 1938

Lester W. Seidel, Tester, Virgenville, Pa.

Wernersville State Hospital, Wernersville

No. 255	GrH	3-15-26	9y	115,257	4,389.7*
No. 227	GrH	11-8-24	9y	118,107	4,279.9*
No. 256	GrH	4-7-26	8y-290d	117,032	3,983.2*
No. 238	GrH	4-16-25	8y-122d	109,229	3,576.9**
No. 290	GrH	10-18-27	7y-315d	114,518	3,419.8*
No. 231	GrH	1-16-25	9y	94,637	3,232.3*
No. 274	GrH	1-26-27	7y-7d	86,098	3,142.2**

Riveredge Farms, Reading, R. D. 2

Crescent Ultra Pride 295960...	RG	6-25-29	6y-123d	71,561	4,182.5*
Lady Dohrman of Riveredge,					
268393	RG	10-30-28	6y-123d	65,451	3,388.2*
Belle's Granddaughter, 275890...	RG	11-9-28	6y-123d	65,661	3,375.8*
Crescent Pride, 230939...	RG	4-22-27	6y-123d	67,303	3,370.7*
Buttercup's Betsy of Riveredge,	RG	12-6-28	6y-123d	59,811	3,198.7*
280816					
Buttercup of Riveredge, 128521...	RG	6-27-21	5y-232d	62,310	3,048.7**

HIGHEST DIGESTIBILITY

AT LOWEST COST

With Amco Open Formula Feeds* * *
32% Supplement Dairy Feed

24% Dairy Feed

20% Dairy Feed

12% Fitting Ration
* * ***AMCO FEED SERVICE**

(Division of Allied Mills, Inc.)

MUNCY, PENNSYLVANIA

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Flying Hill Farms, Reading R. D. 1</i>					
Flying Hill Tillie, 297452...	RG	12-11-29	6y	86,355	3,951.1*
Ruth of Flying Hill, 225616...	RG	10-20-26	6y-92d	64,067	3,328.7*
Victory of Flying Hill, 244151...	RG	7-28-27	6y	63,786	3,304.1*
Nonpareil's Lillian of Breidablik,					
225339	RG	3-16-27	6y-153d	58,979	3,186.6*

BEDFORD COUNTY—Year Ending Nov. 30, 1938

Merle Miller, Tester, Bedford, Pa.

Carl Garland, Buffalo Mills, Pa.

Beets Pontiac Hengerweld Fayne,					
1299388	RH	2-14-24	12y-92d	152,736	4,953.0*
Cargat Fanny Clothilde Sylvia,					
1440615	RH	9-17-27	9y-75d	106,176	3,850.5*
<i>S. L. Cessna, R. D. 4, Bedford, Pa.</i>					
Maud Ona Cotton Belle, 25867...	RH	7-4-23	10y	127,415	3,922.2*
<i>J. Edward Miller & Sons, Midland, Md.</i>					
May Gretchen Hengerweld					
Ormsby, 1576318	RH	10-10-27	8y-244d	101,885	3,291.0*

BLAIR COUNTY—Year Ending May 31, 1938

Kenneth Sollenberger, Tester, Curryville, Pa.

<i>J. W. Burket, R. D., Tyrone</i>					
Lady II	GG	1925	10y-29d	99,417	4,491.2
Bess	GG	1925	10y	79,822	3,826.0**
Laddies Elizabeth, 241111...	RG	5-12-27	8y-119d	74,916	3,766.1
<i>M. C. Bagshaw, R. D., Hollidaysburg</i>					
Pauline J., 18940	RSw	5-12-23	12y	112,264	4,473.5
Mabel M., 18941	RSw	10-20-23	10y-180d	93,316	3,763.1**
<i>J. M. Delozier, R. D., Hollidaysburg</i>					
Bonnie Bess of Lake Conemaugh,					
17882	RSw	11-3-23	10y-335d	102,424	4,137.2
Willow Dale Belle	RSw	8-16-27	11y	102,424	4,137.2*
Iona of Lake Conemaugh, 19895...	RSw	7-24-25	10y	105,031	4,024.2*
Grattin Girl of Lake Conemaugh,					
17881	RSw	10-15-23	11y	86,294	4,014.0
Trixie S., 24604	RSw	3-19-27	8y-265d	80,665	3,467.2*
Crummie B., 22701	RSw	12-6-25	8y	70,800	3,099.2**
<i>K. S. Bagshaw, R. D., Hollidaysburg</i>					
Cherry Myrtle B., 22929	RSw	6-16-26	9y-43d	89,865	3,789.8
Tedwea Butler Bell of Clover-					
dale, 26489	RSw	6-26-26	8y	76,222	3,067.5***
<i>G. Clair Smith, R. D., Martinsburg</i>					
Roxy Segis Konigen, 827170...	RSw	4-15-23	9y-337d	102,156	3,763.6**
Netherland Betsy Segis Konigen,					
1154254	RH	9-10-25	9y-224d	95,944	3,322.7*
<i>D. A. Morrow, R. D., Tyrone</i>					
Laddies Betsy of Hillside, 258247	RG	2-3-28	7y-290d	77,426	3,704.2*
Creamcup of Hillside, 274092...	RG	12-21-28	6y-286d	74,958	3,621.5*
Buttercup of Hillside	RG	12-21-28	7y-219d	69,387	3,143.3***
Resolutes Princess of Hillside,					
244821	RG	11-21-26	8y-92d	59,749	3,140.1*
<i>Preston C. Smith, R. D., Martinsburg</i>					
Rose	GrH		9y-128d	87,553	3,563.1
<i>W. H. Pease, R. D., Tyrone</i>					
Resolutes Belle of Cedar Grove,					
188780	RG	2-20-25	8y-337d	75,530	3,390.4**
<i>Alva R. Long, R. D., Portage</i>					
Laddies Phoebe of Hillside,					
249311	RG	11-6-27	7y-200d	58,400	3,013.6**

BRADFORD COUNTY (CANTON)—Year Ending Nov. 30, 1938

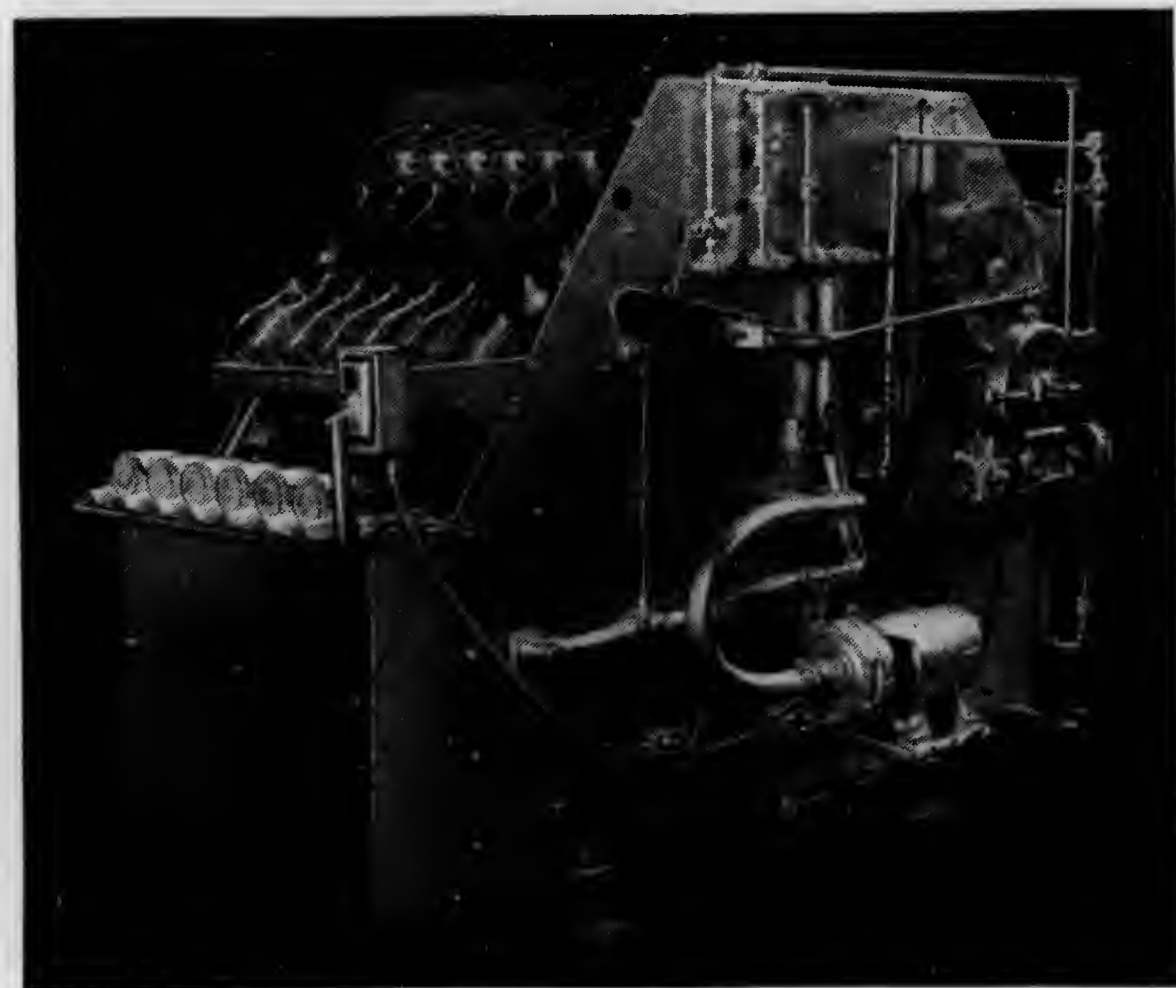
Clifton Erway, Tester, Canton, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>R. G. Williams & Sons, Canton, Pa.</i>					
Willowhurst Aaggie Pontiac, 1170646	RH	12-6-26	9y-130d	134,049	4,577.0**
Willowhurst Nannette, 587521	RH		9y- 2d	99,460	3,336.3**
Willowhurst Mabel Maid Alcartra, 872684	RH	2-18-23	7y-210d	89,582	3,294.4**
Willowhurst Mabel Maid Alcartra 4th, 1508459	RH	8-6-30	6y- 96d	87,973	3,285.0*
<i>R. H. Fleming, Troy, Pa.</i>					
Elmbrook Segis Alcartra Ameleto 957928	RH	10-6-23	8y-259d	120,257	4,524.1**
Elmbrook Ameleto Alcartra, 1147235	RH	5-21-26	9y-251d	120,784	4,283.4*
Elmbrook Edward Bess, 1017354	RH	4-26-25	7y-274d	98,133	3,902.2**
Elmbrook Change, 804912	RH	3-21-22	9y-106d	108,253	3,899.1**
<i>T. M. Watts, Canton, Pa.</i>					
Trixie, E T 23E7152	GH	12-19-28	7y-215d	96,726	3,916.1*
<i>John Brackman, Canton, Pa.</i>					
Hattie	GG	9-15-25	10y	80,273	3,702.2*
<i>Philip Isaacs, Canton, Pa.</i>					
Colantha Fanniz Aaggie, 1188513	RH	10-24-26	8y-353d	96,224	3,360.2*

500 Quarts and Up—It Pays To Use the New

● An ideal running mate for the CP No. 8 Rotary Filler, the new CP Bantam delivers 16 to 24 clean, sparkling bottles per minute. It eliminates hand washing, complies with dormant soaking regulations, delivers bottles cool for immediate filling.

● Get the facts on this new washer . . . ask for Bulletin J-690.



The Bantam discharges bottles completely out of pockets—facilitating hand pickoff.

THE CREAMERY PACKAGE MFG. COMPANY

PHILADELPHIA—2923 N. Broad St.

TOLEDO, OHIO—500 Broadway

BRADFORD COUNTY (TROY)—Year Ending Oct. 31, 1938

Russell Hicks, Tester, Troy, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Ellery Beach & Son, Columbia Cross Roads, Pa.</i>					
Princess Segis Ormsby Pansy, 1316597	RH	11-7-28	8y-187d	102,011	4,008.9*

BRADFORD COUNTY (ULSTER)—Year Ending July 31, 1938

Paul E. Dorr, Tester, Milan, Pa.

<i>Charles S. Chaffee, Ulster, Pa.</i>					
Sheshequin Clintonia Plum, 501029	RH	10-18-18	13y- 16d	122,487	4,124.9**
Pruynedale Aaggie Korndyke, 1187672	RH	1-15-27	8y-345d	96,870	3,702.8*
Sheshequin Pontiac Johanna, 700653	RH	10-24-29	10y-153d	98,711	3,681.2**
Sheshequin Chief Ruby 1105243	RH	9-21-25	9y-107d	103,329	3,385.4**
Sheshequin Changeling Daisy, 448059	RH	11-8-17	9y-182d	93,154	3,043.2**
<i>William L. Pruyn, Milan, Pa.</i>					
Josephine Pruynedale, 1294716	RH	11-25-27	6y-315d	95,602	3,666.0**
<i>L. A. Harris, Milan, Pa.</i>					
Pogis 3rd's Daisy, 916836	RJ	2-13-27	8y	58,335	3,602.4*
<i>G. E. Harris, Milan, Pa.</i>					
Lady Violet's Queene, 669800	RJ	11-17-24	8y 92d	53,582	3,436.6*
Pogis 3rd's Jonquii Cora, 864358	RJ	9-25-28	6y	44,807	3,170.1*
Pogis 3rd's Glorious Peg, 864359	RJ	10-1-28	6y-303d	53,961	3,072.0*
<i>C. J. Bresee, Ulster, Pa.</i>					
Sayda's Pedro's Lilac 2nd, 818510	RJ	11-18-27	8y	60,977	3,264.1*

BRADFORD COUNTY (WYALUSING)—Year Ending July 31, 1938

Elmer Clink, Tester, Box 76, Camptown, Pa.

<i>Karl D. Shiner, R. D. 5, Towanda, Pa.</i>					
Miss Gray	GJ	3-1-27	8y-318d	79,461	3,714.9*
Eloise	GJ		8y- 68d	60,210	3,319.1**
Fairy Queen	GJ		8y-104d	66,545	3,003.8**
<i>Taylor McCarty, Sugar Run, Pa.</i>					
Elmglade Pride Abbekerk, 1079736	RH	1-5-25	10y-218d	101,968	3,587.8**
<i>Captain Chester Wells, Wyalusing, Pa.</i>					
Winnie of Blue Clay, 183478	RG	1-7-25	8y-278d	68,444	3,315.8*
<i>C. B. Culver, Est. Ralph Culver, Laceyville, Pa.</i>					
No. 22	GH		9y-243d	90,634	3,086.4**

BUCKS COUNTY (NO. 1)—Year Ending Feb. 23, 1938

James Howes, Tester, Box 155, R. D., Morrisville, Pa.

<i>Joseph S. Briggs, Yardley, Pa.</i>					
Spring Run Dolly	RG	2-12-23	10y	89,193	4,220.3*
Fritzlyn Betty, 141068	RG	11-21-22	11y	86,636	3,944.8*
Buttercup	GG	1923	9y- 74d	79,331	3,516.1**
Ashland Springtime Betty, 214871	RG	4-19-26	10y	68,250	3,040.9*
<i>Henry C. Pickering, Woodbourne, Pa.</i>					
Brindle	GG	1922	8y	84,382	3,692.1*
Queen	GH	1921	8y-297d	81,789	3,152.6*
<i>Alvin Worthington, Newtown, Pa.</i>					
Kitty	GG	1925	7y-334d	79,308	3,579.0*

BUCKS COUNTY (NO. 2)—Year Ending Feb. 28, 1938

Robert Dean, Tester, Doylestown, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Willis M. Hunsberger, Plumsteadville, Pa.</i>					
Airclift Aaggie Segis, 962277....RH		11-15-23	9y-151d	123,467	4,733.5*
<i>Max Frey, Ottsville, Pa.</i>					
Compton's Oxford Expectation, 656909	RJ	9-30-24	11y- 54d	93,625	4,485.0*
Compton's Penstate Fannie, 795528	RJ	1-31-28	8y- 39d	71,381	3,413.5*
<i>C. H. Smith & Son, Wycombe, Pa.</i>					
Robin Runs Helga Lotta, 275597.RG		10-7-28	6y-346d	51,553	3,090.2*
<i>Homer S. Wentz, Quakertown, Pa.</i>					
Sarah	GrH	1922	5y-301d	73,589	3,082.6**

BUCKS COUNTY (NO. 3)—Year Ending Feb. 28, 1938

Earl Whitman, Tester, Dublin, Pa.

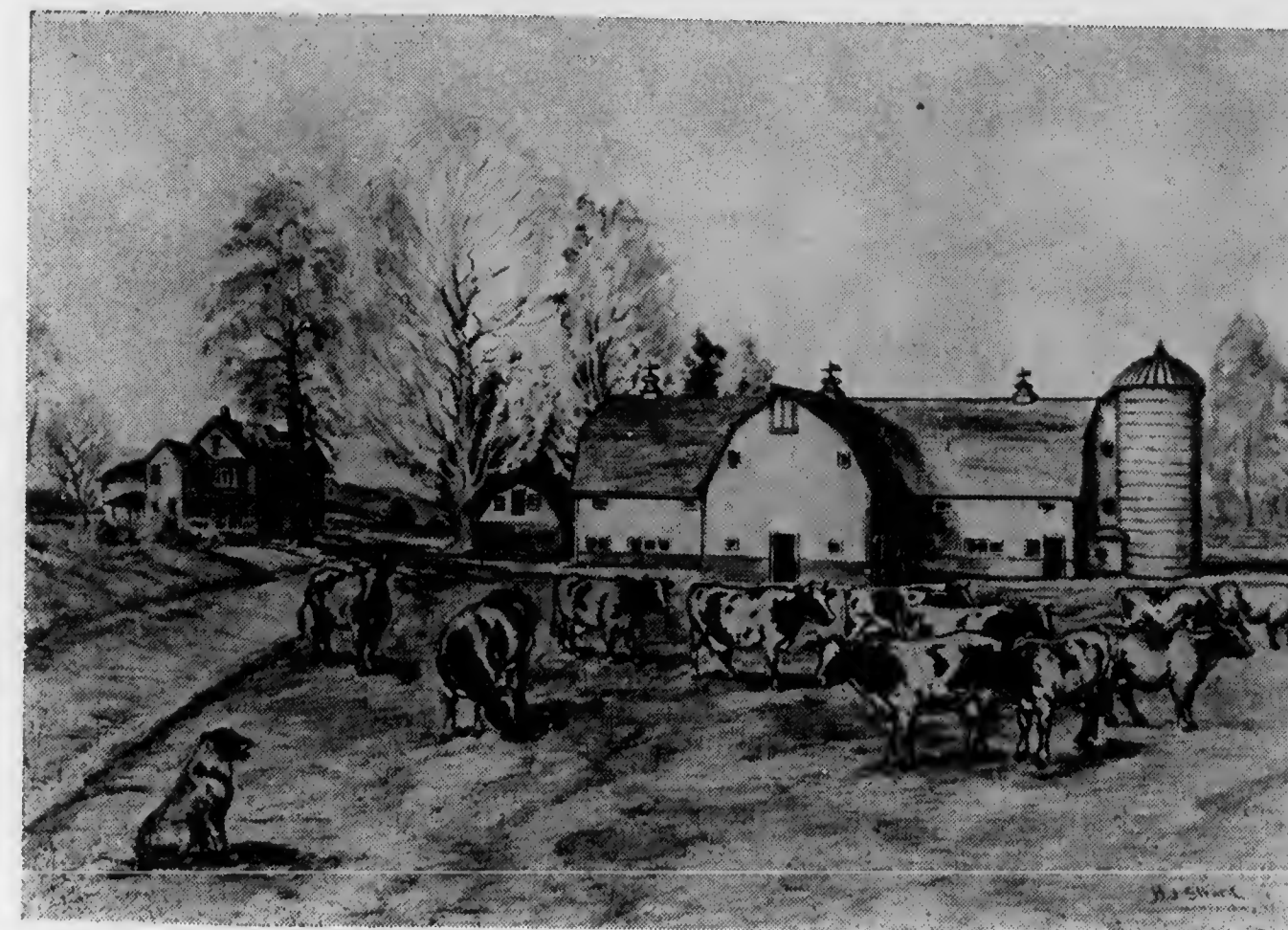
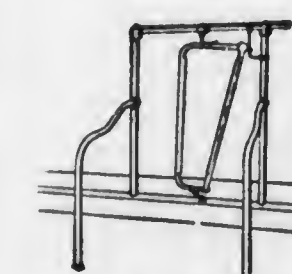
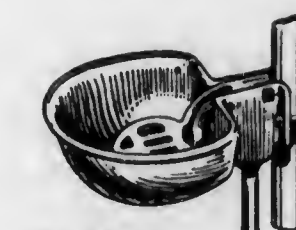
<i>J. P. Candy & Son, Hulmeville, Pa.</i>					
Juanita Ormsby Julia, 1070197....RH		10-19-25	7y- 21d	125,085	4,153.9*
Anice Ormsby Aline, 1067861....RH		10-27-25	8y-304d	113,864	3,968.5*
Lois Lera Ormsby, 1067863....RH		12-29-25	8y	108,124	3,919.9*
Judy Korndyke Cloverton, 775603	RH	11-27-21	7y-304d	105,269	3,652.4*
Greenwood Judith Ormsby, 1429465	RH	1-24-29	6y-129d	90,183	3,266.9*
Amelia Alberta Ormsby, 1190492.RH		1-20-27	5y-120d	90,400	3,170.2*
<i>Philip W. Smith, New Hope, Pa.</i>					
Miss Gay Glenwood of Evergreen, 177449	RG	9-20-24	11y	86,393	4,038.7*
Lilly Glenwood of Evergreen, 275377	RG	2-7-27	8y-253d	65,385	3,384.8
Miss Gladys Glenwood of Evergreen, 207633	RG	3-11-26	7y-225d	72,763	3,295.2**
Falechia of Evergreen, 321851....RG		3-20-29	7y-115d	64,889	3,251.9*
<i>Bolton Farm, Bristol, Pa.</i>					
Boulderwood Calla Lilly, 230026..RG		5-12-27	7y-182d	76,292	3,717.6*
Raider's Leda of Bolton, 291909..RG		10-15-29	6y- 63d	57,988	3,025.1*
Star's Daylo Heroine, 273520....RG		9-17-28	6y-303d	55,944	3,014.6*
<i>Amos Satterthwaite, Yardley, Pa.</i>					
Herosa Colantha Segis Ormsby, 1275266	RH	10-28-27	8y-146d	100,077	3,425.7*
Herosa Beauty Ormsby, 1105034.RH		9-22-25	8y-180d	103,191	3,408.7**

BUTLER COUNTY (NORTHERN BUTLER)—Year Ending June 30, 1938

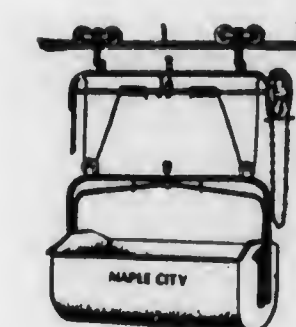
George J. Hock, Tester, Harmony, R. D. 1

<i>Hugh Fergus, Slippery Rock, Pa.</i>					
Topsy	GrG		11y-324d	128,854	5,436.2*
Dinah	GrG	7-31-28	6y-320d	69,255	3,119.5*
<i>Lee Critchlow, Harrisville, Pa.</i>					
Queen's Queen Marie 819459....	RJ	11-28-27	8y-219d	72,862	4,023.7*
Queen's Fauvic's May 875266....	RJ	10-2-28	7y-307d	60,350	3,790.6*
Grace	RJ	1921	7y- 78d	63,995	3,527.8**
<i>C. A. Wachsmuth, Star Rt., Butler, Pa.</i>					
Nellie's Cora Cay 260378.....	RG	6-21-28	7y-236d	78,447	3,862.4*
Katrinka Key 237418.....	RG	9-10-27	7y-273d	68,581	3,459.7*

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\$2.25 ea.



• Every experienced Dairyman knows that proper care in the selection of the right kind of cows mean money made.

• Experienced Dairymen also know that care in the selection of the right kind of Barn Equipment means money saved.

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• Write for complete, money saving, Maple City Barn Equipment circular.

MURRAY COMPANY

Manufacturers Maple City Barn Equipment

HONESDALE, PA.

CAMBRIA COUNTY (Central Pa. Guernsey Breeders)—Year Ending Feb. 28, 1938

Robert Lydick, Tester, Clymer, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>W. Griffith Estate, Ebensburg, Pa.</i>					
Goldie's Beauty of Ebg., 99829	RG	8-15-19	10y-331d	137,971	6,069.7**
Olwen of Ebg. 99830	RG	9-29-19	9y-274d	99,088	4,181.2**
Goldie's Julia of Ebg., 112269	RG	4-20-20	8y-139d	82,955	3,785.8**
Jewel's Beauty of Ebg., 156505	RG	7-20-23	8y-30d	68,338	3,343.0**
Jewel's Goldie of Ebg., 139050	RG	7-1-22	5y-204d	67,846	3,257.1**
Goldie's Betty of Ebg., 174882	RG	12-10-24	9y-149d	64,125	3,153.4**
<i>Mrs. C. M. Schwab, Loretto, Pa.</i>					
Ranger's Mildred of Gayoso, 217325	RG	4-19-26	7y-110d	82,641	4,740.7*
Marmion's Vanity of Friendship Farm, 173278	RG	5-28-24	8y-244d	77,292	3,882.3**
Arleen of Armor, 241524	RG	7-16-27	8y-263d	70,063	3,587.5**
Immergrun Ashberton Girl, 133078	RG	1-16-22	8y	64,460	3,432.6**
Ruth's Darling of Beechwood, 213231	RG	5-19-26	9y-59d	58,865	3,408.6*
Ella's Sunbeam of Waukesha, 257384	RG	10-10-27	7y-330d	53,558	3,071.4**
<i>Aug. E. Farabaugh, R. D., Loretto, Pa.</i>					
Jewel's Deanie of Ebg., 145837	RG	3-21-23	10y	91,487	4,167.4*

CENTRE COUNTY—Year Ending July 31, 1938

Thomas A. Fox, Tester, Mill Hall, Pa.

<i>Western Penitentiary, Bellefonte, Pa.</i>					
No. 521	GrH	11-2-24	10y-317d	187,269	5,824.9**
No. 728	GrH	8-12-27	8y-172d	158,313	5,109.4*
No. 529	GrH	12-1-24	10y-92d	150,778	4,996.8**
No. 581	GrH	10-19-25	9y-47d	131,200	4,832.4**
Valdessa Piebe Aaggie Jannek, 1311724	RH	3-16-28	8y-104d	138,106	4,779.7*
No. 599	GrH	11-19-25	10y	139,249	4,510.5*
No. 773	GrH	2-18-28	8y-15d	124,157	4,456.3**
Maida Artis Korndyke, 1066018	RH	1-4-26	8y-268d	117,511	4,428.2*
No. 825	GrH	11-19-28	7y-132d	124,211	4,333.3*
No. 719	GrH	6-7-27	7y-276d	111,039	4,251.0*
No. 647	GrH	9-14-26	9y-75d	119,231	4,171.4**
Artis Maida Loyalsock Jannek, 1311720	RH	2-7-28	7y-158d	116,483	4,059.2*
No. 657	GrH	10-18-26	8y-239d	122,141	4,058.5*
No. 648	GrH	9-17-26	8y-282d	124,197	4,044.9*
No. 853	GrH	2-8-29	7y-43d	125,659	3,962.7*
Blanche Clothilde Jannek, 1488383	RH	12-3-28	7y-22d	110,390	3,961.0*
Artis Maida Jannek, 1454366	RH	4-6-28	6y-298d	114,957	3,954.0*
No. 813	GrH	9-17-28	6y-340d	125,667	3,812.4**
No. 669	GrH	1-10-27	7y-250d	113,742	3,764.2*
No. 677	GrH	2-8-27	6y-323d	101,005	3,749.0**
Miss Maida Artis Pontiac, 978948	RH	8-19-22	8y-252d	112,941	3,719.2**
Nittanyvale Aaggie Clothilde, 1436961	RH	11-25-27	8y-45d	121,581	3,714.2**
No. 879	GrH	6-23-29	6y-281d	96,300	3,675.0*
No. 540	GrH	1-22-25	7y	104,213	3,494.8**
Carlotta Vale Prilly Aaggie, 982516	RH	8-12-24	8y	106,187	3,486.6**
Dutchess Pontiac Segis Loyalsock, 1316836	RH	2-15-28	6y-355d	105,512	3,471.1**
Nittanyvale Korndyke Segis, 1436965	RH	3-2-30	5y-191d	93,946	3,390.9*
Blanche Carlotta	RH	6-24-25	6y-287d	98,603	3,355.3**

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Artis Maida Loyalsock, 1063193	RH	3-12-25	8y-295d	97,276	3,269.2**
Artis Maida Loyalsock, 1063193	RH	3-12-25	8y-295d	97,276	3,269.1**
No. 754	GrH	1-16-28	7y-171d	122,097	3,259.2**
No. 700	GrH	3-15-27	6y-67d	103,628	3,257.8**
No. 650	GrH	9-18-26	6y-69d	94,234	3,212.9**
Artis Miss Jannek, 1436962	RH	4-3-29	6y	96,524	3,206.2**
No. 616	GrH	1-10-26	6y-256d	76,504	3,126.4**
No. 491	GrH	3-1-24	7y	96,894	3,063.5**
No. 547	GrH	2-12-25	6y-277d	91,501	3,051.1**
No. 547	GrH	2-12-25	6y-277d	91,501	3,051.1**
<i>T. C. Kryder, Mill Hall, Pa.</i>					
Gladfield Lyons Perfection, 991125	RH	3-21-24	10y-251d	145,579	4,737.0**
Mammoth Spring Velma Hartog	RH	11-30-27	8y-178d	94,431	3,245.8*
Crescent Spring Pontiac, 1302645	RH	2-20-28	7y-162d	89,737	3,006.2***

CHESTER COUNTY (CHESTER VALLEY)—Year Ending Mar. 31, 1938

Warren H. Shingle, Tester, Downingtown, Pa.

<i>Richard L. Fox, Downingtown, Pa.</i>					
Peggy	GrG		12y-30d	105,631	5,175.5**
<i>Frank A. Keen, West Chester, Pa.</i>					
Blue Rock Valdessa Kage, 942166	RH	12-19-23	9y-305d	117,613	4,028.2**
No. 76 Blue Rock Hattie Dahlia, 1239256	RH	11-24-37	7y-300d	93,189	3,133.4**
<i>Mrs. John Kent Kane, Glen Loch, Pa.</i>					
Fairfield Royal Esther, 205976	RG	12-28-25	10y	68,283	3,665.7**
Shirley's Moonbeam, 288846	RG	5-11-29	6y-122d	70,260	3,411.3*
<i>H. W. Biddle, Lionville, Pa.</i>					
Argenta of Rose Hill, 189597	RG	4-15-35	10y	70,896	3,578.6*
Grade-Mabel	GrG	6-27	8y-221d	79,913	3,249.4*
Jonesie	GrG	6-27	8y-231d	80,328	3,118.0*

CHESTER COUNTY (OXFORD)—Year Ending Dec. 31, 1938

Philip Harris, Tester, Lincoln University

<i>Everett Holt, Lincoln University</i>					
Sayda's Sophie G., 878593	RJ	1-5-29	9y-92d	74,185	4,229.4*
<i>Thomas Sloan, Oxford, Pa.</i>					
No. 15	PH	1924	10y-92d	98,413	4,040.2*
No. 16	GH	1926	8y-214d	97,565	3,628.4***
<i>John Dickey Farm, Oxford, Pa.</i>					
Ablekeck Helena Ormsby, 1235702	RH	6-4-25	8y-120d	125,549	4,030.0**
<i>D. L. Gallagher, Peach Bottom, Pa.</i>					
Ruby	GG		7y-333d	74,657	3,791.7***
Elkview Hetty, 130989	RG	12-15-21	8y-92d	68,968	3,228.2*
Jane E. of Penn View, 267592	RG	3-23-28	7y-51d	66,406	3,167.5*
<i>H. S. Gatchell, Peach Bottom, Pa.</i>					
Lady Letty's Lassie G., 708040	RJ	9-3-25	8y-123d	68,130	3,785.5**
Lordena's Dell G., 708983	RJ	11-5-25	9y-92d	58,200	3,558.0*
Lucile's Lucy G., 708041	RJ	9-8-25	8y-71d	60,201	3,404.6*
Lassie Lady Moon G., 923487	RJ	1-16-30	6y-260d	63,320	3,084.4*
Dell's Daffy G., 916559	RJ	11-23-29	7y-69d	55,046	3,066.5*
<i>John S. Reisler, Nottingham, Pa.</i>					
Anne Raider of Clavert, 244791	RG	12-15-25	10y-270d	61,057	3,542.3*

CHESTER COUNTY (WEST CHESTER)—Year Ending Dec. 31, 1938

Wm. F. Bleiler, Tester, Court House Annex, West Chester, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Wm. I. Reeves, West Chester, Pa.</i>					
Ruth	GrG	1922	10y-273d	93,076	4,436.0**
Jennie	GrG	4-2-28	8y	69,039	3,470.7*
Bill	GG	5-1-29	7y- 68d	66,568	3,230.1*
White Back	GG		8y-122d	71,080	3,204.0*
<i>Dunwoody Home Farm, Newtown Square, Pa.</i>					
Dunwoody Miss Hester, 114907..	RA	11-6-27	8y-141d	94,780	3,978.1*
Dunwoody Alta May, 92776.....	RA	1-19-25	10y- 89d	85,341	3,672.2**
Dunwoody Spottie, 114710.....	RA	12-1-27	7y-269d	86,260	3,468.5*
<i>Westtown School Farm, Westtown, Pa.</i>					
No. 22, 23F1503.....	GH	1928	8y-286d	108,713	3,916.9*
<i>Norman Frank, West Chester, Pa.</i>					
No. 42	GH		8y-334d	115,238	3,849.9*
No. 33	GH		9y- 61d	96,134	3,192.8*

CLARION COUNTY (FIRST)—Year Ending July 31, 1938

George Cole and Wayne Walker, Testers, Clarion, Pa.

<i>J. W. M. Gruber & Son, Shippensburg, Pa.</i>					
Dolly's Peach Bud of Sunset View, 215417	RG	5-9-26	9y-161d	84,758	4,158.4*
Big	GG	9-12-23	9y-263d	82,934	3,995.6**
Bess, Jr.	GG	1921	11y-153d	88,023	3,956.2**
Sally	GG	10-25-24	8y-245d	64,320	3,456.2**
Gene	GG	2-5-26	9y-243d	70,537	3,802.2**
Butter Cups Gusty Ann of Sunset View, 252060	RG	11-9-27	8y-212d	64,699	3,079.8*
<i>R. H. Shook, R. D., Sligo, Pa.</i>					
Record's Empress of Oak Grove, 202602	RG	10-20-25	8y-346d	81,465	4,149.3**
Lady Alice of Piney, 140739.....	RG	10-21-22		66,362	3,278.4**
Milkmaid of Oak Grove, 302862..	RG	10-2-29	6y	57,535	3,026.5*
<i>Wm. & C. A. McCauley, New Bethlehem, Pa.</i>					
Lady May Copia, 330496.....	RH	5-22-16	9y	103,593	3,731.5**
Johanna Copia Lilith, 498746.....	RH	7-5-18	8y-279d	101,089	3,592.1**
Lady May King Highland Segis, 931931	RH	8-2-23	8y- 70d	82,938	3,037.6**
<i>F. L. Stahlman, R. D., New Bethlehem, Pa.</i>					
Reservation Alma, 215122.....	RG	5-4-26	10y	59,856	3,705.7*
<i>J. P. C. King, R. D., Summerville, Pa.</i>					
Colantha Bess Johanna, 967966..	RH	1-10-24	7y-212d	101,251	3,621.1***
<i>H. C. Craig, Curllsville, Pa.</i>					
Milkman's Gay Dutchess of Overlook Farm, 241690.....	RG	6-3-27	7y	57,926	3,433.1*
<i>R. L. Fleming, New Bethlehem, Pa.</i>					
March's Violet of Guernsey Hill, 234535	RG	3-6-27	8y-122d	60,832	3,323.5*
<i>H. G. Mahle, Miola, Pa.</i>					
Polly	GG	1926	7y-274d	59,818	3,149.3*
Boss	GG	1921	8y-184d	61,485	3,060.7*
<i>O. S. Burnham, Corsica, Pa.</i>					
Apple Blossom of Brookdale, 187818	RG	5-5-22	9y	56,321	3,081.3**

CLEARFIELD COUNTY—Year Ending Dec. 31, 1938

Alvin G. Smith, Tester, Box 628, Clearfield, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>S. J. Zemka, R. D., Clearfield, Pa.</i>					
Bell	GrJ	1928	6y	58,231	3,644.5*
Beauty	GrH	1927	6y- 25d	85,809	3,236.4*
<i>Morris W. Shimmel, West Decatur, Pa.</i>					
Lade	GrH	1928	6y-334d	84,327	3,539.2*
<i>Arrowhead Farm (R. S. Hurley), Morrisdale, Pa.</i>					
Pepper	PJ	4-30	6y-268d	54,768	3,316.9*

COLUMBIA COUNTY (COLUMBIA-LUZERNE)—Year Ending Feb. 28, 1938

Clarence Keller, Tester, c/o Agr. Ext. Asso., Bloomsburg, Pa.

<i>Danville State Hospital, Danville, Pa.</i>					
87A	GH	2-23-26	9y	107,950	4,103.4*
62	GH	1922	8y- 31d	100,130	3,579.1**
<i>Hillside Elizabeth Posch,</i>					
1155186	RH	3-15-27	7y-222d	101,709	3,262.1**
77B	GH	4-7-26	8y-122d	91,959	3,041.4**
150A	PH	2-23-28	7y-159d	96,040	3,145.0**

CRAWFORD COUNTY (CRAWFORD-VENANGO)—Year Ending July 31, 1938

Byron Swan, Tester, Meadville, Pa.

Gospel Hill Seven Nine, 809147..	RJ	8-13-28	8y	67,216	3,541.6*
Oxford Owl's Carol, 767772.....	RJ	8-18-27	7y-273d	67,135	3,357.3**
Blackie	GrH	3-4-27	6y-304d	97,624	3,473.2**
Pansy	GrH	1-1-28	7y-227d	86,877	3,013.2*
Golden Cloud's Fern, 752694....	RJ	8-27-26	8y	56,730	3,386.8*
Slowest	GrJ	4-3-30	6y	58,511	3,025.6*

CRAWFORD COUNTY (TITUSVILLE)—Year Ending December, 1938

George Simpson, Tester, 345 Mt. Vernon St., Titusville, Pa.

Lady Jane Ormsby Segis, 793015..	RH	9-11-22	9y-245d	113,060	4,051.4**
Lady Fanny Ormsby, 738279.....	RH	10-30-21	9y-212d	131,291	3,918.6**
Lady Pontiac Segis Belle 1204022..	RH	12-13-26	9y	98,980	3,625.9*
Beauty's Gloria Swanson, 242546..	RG	8-23-27	7y- 61d	77,265	3,418.8*
Fedora Sadie DeKol, 1239065....	RH	4-18-27	7y-363d	91,153	3,027.2**

CUMBERLAND COUNTY (ORIGINAL)—Year Ending Sept. 14, 1938

Fred M. Naugle, Tester, Carlisle, Pa.

<i>Ivo V. Otto, R. D. 6, Carlisle, Pa.</i>					
Boiling Springs Bonair Hartog, 1085903	RH	3-5-25	11y- 45d	158,775	5,928.9*
Boiling Springs Helena Segis, 1109030	RH	9-17-25	10y-355d	122,866	4,567.8*
Boiling Springs Ormsby Waukie, 1349296	RH	9-22-28	7y-322d	102,645	3,636.3*
<i>Abner E. Rider, R. D. 2, Mechanicsburg, Pa.</i>					
Queen Polly Aaggie, 904719.....	RH	9-15-22	13y	147,050	5,471.4*
<i>J. H. Lear, R. D. 5, Carlisle, Pa.</i>					
Pineland Ona Segis, 1163300.....	RH	5-23-26	9y-304d	143,908	5,029.3*
Johanna Girl Burke Donsaskia, 1234443	RH	7-11-27	9y- 12d	98,635	3,906.8*
Flossie Buttercup Pontiac, 1234444	RH	10-21-27	9y- 5d	104,537	3,796.4*
<i>Ludt Brothers, R. D. 5, Carlisle, Pa.</i>					
Burke Pontiac Donsaskia, 1130957	RH	10-21-25	9y-285d	109,272	4,407.7*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Albert F. Kost, R. D. 1, Carlisle, Pa.</i>					
Farmside Fanny DeKol, 872439..RH		6-6-23	10y-122d	121,506	4,282.4**
<i>H. K. McCullough, R. D. 1, Newville, Pa.</i>					
McCullough's Beauty 2nd, 297335..RG		9-7-27	8y-225d	86,875	4,241.8*
<i>Ivo V. Otto and S. Blaine Lehman, R. D. 1, Carlisle, Pa.</i>					
Boiling Springs Accrue Beth, 1272519	RH	9-7-27	9y	108,345	3,891.6*
<i>Methodist Home for Children, Mechanicsburg, Pa.</i>					
Boiling Springs Westover Twinkle, 1501585	RH	8-18-29	6y-345d	113,734	3,891.1*
<i>Miss Anne McCormick, Harrisburg, Pa.</i>					
Duchess of Rose Garden, 221318..RG		8-25-26	10y	82,018	3,837.9*
Princess of Rose Garden, 42285..RG		8-10-22	10y-122d	85,099	3,802.5**
<i>Walter A. Eckert, R. D. 5, Mechanicsburg, Pa.</i>					
Pine Grove Mary Lee, 228845....RG		11-18-26	8y-324d	73,920	3,516.5*

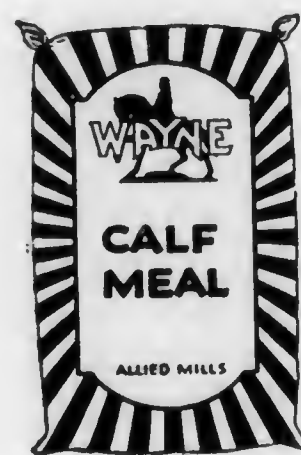
CUMBERLAND COUNTY (SECOND)—Year Ending Sept. 30, 1938

J. Paul Shughart, Tester, Allen, Pa.

<i>Hugh L. McMeen, R. D. 6, Carlisle, Pa.</i>					
Ormsby Polly Pietje DeKol, 930638	RH	8-3-23	9y-318d	132,579	4,344.5**
Pledge Segis Danim, 1431951....RH		12-25-26	8y-235d	94,617	3,319.8**
<i>Charles C. Hoffer, Carlisle, Pa.</i>					
Pauline Calamity Allenvail, 1445170	RH	2-16-25	8y-361d	92,732	3,489.9**
<i>Enos H. Hess, R. D. 2, Mechanicsburg, Pa.</i>					
Korndyke Burke Tritonia, 1326666	RH	10-10-28	6y-165d	86,256	3,197.4*

A WAYNE DAIRY FEED

to fit every Feeding Need



Wayne Calf Meal
 Wayne Calf Pellets
 Wayne Complete Calf Feed
 Wayne Fitting Ration
 Wayne 16½%-20%-24%-32%
 Dairy Feeds

It pays to follow the Wayne year 'round program

ALLIED MILLS, INC.

District Office — HARRISBURG, PA.

DAUPHIN COUNTY—Year Ending May 31, 1938

Warren Bucher, Tester, R. D. 1, Hershey, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>A. H. Erdman & Sons, Elizabethville, Pa.</i>					
May Fobes Hengerveld Sadie, 1462033	RH	8-30-28	8y- 80d	113,210	3,737.4*
<i>Gerben White Oak Fleta, 1494693</i>					
	PH	6-29-23	8y-183d	87,989	3,135.9**
<i>Hershey Industrial School, Hershey, Pa.</i>					
Korndyke Homestead Jasmine, 1118947	RH	2-18-23	8y-305d	120,471	3,709.3*
<i>Sunnybrook Lassie Abbekerk, 1575876</i>					
	RH	3-8-27	8y	95,536	3,496.4*
<i>Decora Segis Wit, 1189658.....RH</i>					
		10-16-26	6y-334d	103,501	3,492.4
<i>No. 21</i>					
	GH	8y		96,457	3,250.3**
<i>Daisy Pontiac Banks, 1500145...RH</i>					
		1-22-26	5y	103,969	3,248.2*
<i>Milford August Longfield Ormsby, 762059</i>					
	RH	1-25-22	6y-305d	81,078	3,104.0
<i>S. B. Williams, Middletown, Pa.</i>					
Victor's Jap Lillian.....RJ		2-2-25	7y-200d	61,263	3,335.6
Spotty, E86178	GJ	10- -28	7y- 56d	58,900	3,116.1*
<i>Harrisburg State Hospital, Harrisburg, Pa.</i>					
Hbg. Grace Princess Ormsby, 1349416	RH	3-15-29	7y	98,689	3,145.4*

FRANKLIN COUNTY (WESTERN FRANKLIN)—Year Ending Aug. 31, 1938

John F. Yocum, Tester, Alexandria, Pa.

<i>J. W. Hoffeditz & Son, Mercersburg, Pa.</i>					
Star	GrG		7y-334d	73,009	4,041.5**
Bess	GrG	1925	9y-148d	72,790	3,624.1**
Peggy	GrG	1924	7y-360d	80,833	3,184.5*
Buster	GrG	1926	8y-279d	80,633	3,126.9**
<i>J. W. Aughinbaugh, Mercersburg, Pa.</i>					
Ella's Pandora of Waukisha, 185856	RG	4-19-25	7y- 92d	57,262	3,207.2**
<i>C. H. Negley, Mercersburg, Pa.</i>					
Bess	GrH	1925	9y- 65d	93,724	3,156.6*

HUNTINGDON COUNTY—Year Ending May 31, 1938

Frank Hindman, Tester, Huntingdon, Pa.

<i>Pennsylvania Industrial School, Huntingdon, Pa.</i>					
P. I. R. Meta Jewel 1209621.....RH		3-27-27	7y-362d	138,223	4,860.2*
<i>P. I. R. Aaggie Fortuna Pontiac, 1142016</i>					
	RH	10-9-26	8y-155d	124,073	4,383.2*
<i>P. I. R. Colantha Meta Lass, 1257973</i>					
	RH	4-10-28	7y-282d	129,367	4,305.6**
<i>P. I. R. Aaggie Otsego, 1018065..RH</i>					
		12-11-24	8y- 94d	114,453	4,038.9**
<i>P. I. R. DeVries, 1,075,949.....RH</i>					
		1-16-26	8y-155d	112,117	3,672.3*
<i>P. I. R. Lady Colantha Hengerveld, 1222247</i>					
	RH	4-13-27	7y-155d	90,474	3,531.8**
<i>P. I. R. Korndyke Jewel, 1336870..RH</i>					
		5-21-28	7y- 17d	99,391	3,462.9*
<i>P. I. R. Nan Creamelle, 1018066..RH</i>					
		1-22-25	6y-185d	97,923	3,455.2**
<i>P. I. R. Lady Veeman, 1142012...RH</i>					
		9-8-26	6y- 32d	90,222	3,274.0**
<i>H. E. Grazier, Warriors Mark, Pa.</i>					
Flopsie of Maple Row, 17637...RSw		4-25-24	11y- 3d	110,893	4,327.6*
Emma Marshall, 13918.....RSw		6-3-21	11y- 3d	109,219	4,227.8*
Morella M. Marcus, 15028.....RSw		4-15-22	11y- 3d	82,702	3,778.6*

James E. Hindman, R. D. 4, Tyrone, Pa.

Eleanor of Weygandt Farm, 144499	RG	1923	10y- 28d	91,615	4,208.3*
Quietudes Betty Jane, 190597	RG	3-23-25	9y-321d	76,204	3,906.4*
Autocrat's Iva of Quietude	RG	11-5-22	12y- 28d	82,731	3,744.0*
Lucille of Quietude, 193785	RG	7-30-23	11y-111d	77,182	3,518.8*
Iva's Lass of Quietude, 190595	RG	2-3-25	9y- 21d	73,572	3,196.8**
Nellie Grant of Quietude, 241147	RG	7-31-27	8y- 3d	60,122	3,087.0*
<i>N. E. Black, Alexandria, Pa.</i>					
Daisy Pa., B85689	GrG	1926	9y-293d	82,886	4,124.5**
Spot No. 2 Pa., 93730-E	GrG	1922	9y- 44d	83,368	3,657.7***
Ratchell Pa., 87313-L	GrG	2-12-27	9y-105d	79,761	3,632.0*
Martha Pa., 42127-S	GrG	2-10-28	8y- 2d	75,899	3,426.2*
Marie of Taite Hall, 221313	RG	4-8-25	8y-157d	65,177	3,145.1***
Cherry Pa., 11957-N	GrG	1922	7y-275d	76,069	3,072.1**
<i>Charles Keller, R. D., Alexandria, Pa.</i>					
Buttercup Pa., W-72786	GrSw	14 yrs.	10y-185d	88,594	3,735.6*
Maggie Pa., W-72782	GrSh	12 yrs.	8y-347d	77,960	3,694.9*
Spot (23A1601)	GrG	13 yrs.	9y-156d	76,558	3,101.0**
<i>W. C. Henderson, Petersburg, Pa.</i>					
Mighty Pa., 50934-K	GrSw	6-11-27	8y- 67d	79,216	3,431.3*
Rose	GrSw	1925	8y-124d	79,645	3,248.5***
<i>R. F. Brown, Mill Creek, Pa.</i>					
Olive	GrG	1921	8y-213d	67,969	3,226.6**

INDIANA COUNTY (NO. 1)—Year Ending May 31, 1938

Carl Johnston, Tester, Room C, Court House, Indiana, Pa.

Quay McMillen, Clymer, Pa.

Mae	Mix	2- -26	8y-307d	71,281	4,319.3*
Oxford's Charming Princess, 869383	RJ	11-9-28	7y-132d	60,137	4,024.5*
Belle	Mix	2-21-26	9y-137d	85,551	3,754.1*
<i>Indiana County Home, R. D., Indiana, Pa.</i>					
Kimwar Isabelle Pauline, 1239126	RH	6-12-27	7y-273d	148,799	4,311.0*
Yerkes Buelah Alcartra, 931704	RH	12-27-23	9y-212d	103,187	3,094.5***
<i>William S. Wetzel, Marion Center, Pa.</i>					
Pet	GrJ	1922	8y	77,237	4,067.1***
Pansy	GrJ	1924	8y- 30d	66,909	3,985.8***
Princess	GrJ	1924	7y-245d	72,311	3,894.7***
Tot	GrJ		8y-183d	75,092	3,783.9***
Locust Hill Emily, 789276	RJ	6-21-27	7y- 84d	56,548	3,092.9***

H. M. Travis, Smicksburg, Pa.

Bell S. of Bell Farm, 89953	RG	5-27-26	8y-350d	73,752	3,867.5**
<i>H. H. Wetzel, Marion Center, Pa.</i>					
Belle's Ruth, 650196	RJ	2-8-25	9y-287d	70,210	3,825.2***

G. C. Swan, R. D. 1, Home, Pa.

Sophie's Pogis Lou Foxy, 837318	RJ	10-21-27	8y-151d	66,901	3,787.1*
Sophie's Pogis Lou Vee, 837317	RJ	10-1-27	8y-151d	71,605	3,663.7*

Torrance State Hospital, Torrance, Pa.

Hengerveld Segis Fayne DeKol, 1135910	RH	10-2-25	9y-178d	117,162	3,733.1*
Heide Pontiac Fayne, 1304617	RH	3-22-27	8y-285d	108,520	3,175.5*

C. C. Pollock, Marion Center, Pa.

Daisy	GrJ	2- -27	8y	66,679	3,624.7*
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Walter C. Simpson, Marion Center, Pa.

Pollanna	Mix	1926	8y	69,107	3,591.4*
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John S. Rankin, R. D. 3, Indiana, Pa.

Jersey	GrJ	1- -28	8y	60,914	3,557.6*
Midge	GrJ	1923	6y-304d	48,818	3,070.1***

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>H. B. Wetzel, Marion Center, Pa.</i>					
Lady	GrJ	1924	7y-242d	58,959	3,445.2***
<i>Clyde Houck, R. D. 1, Clymer, Pa.</i>					
Zahrah's Sophie of Houck Farm, 888218	RJ	4-6-29	6y-276d	61,246	3,380.4***
<i>Carl E. Walker, Marion Center, Pa.</i>					
Maggie	GrJ	1927	8y-183d	51,406	3,372.9***
<i>W. F. Barkley, Livermore, Pa.</i>					
Bill 2nd	Mix	4-7-28	8y	90,150	3,372.3*
<i>I. E. Pound, Indiana, Pa.</i>					
Livermore	Mix	1926	7y- 43d	61,883	3,346.9*
<i>Clyde Houck, R. D. 1, Clymer, Pa.</i>					
Betty of Houck Farm	RJ	12-5-24	7y-245d	60,614	3,326.3***
Betsy's Peggy of Houck Farm, 859280	RJ	8-22-28	8y	70,219	3,307.4*
<i>I. M. Speedy, Livermore, Pa.</i>					
Evelyn's Princess of Evergreen, 188762	RG	5-6-25	8y-129d	60,564	3,201.0*

INDIANA COUNTY (NO. 2)—Year Ending May 31, 1938

Frank Ginter, Tester, Room C, Court House, Indiana, Pa.

J. Mack Hood, New Florence, Pa.

Valentine Superior Queen, 767189	RJ	12-3-26	9y-153d	74,629	4,036.1***
Queen of Maple Crest, 748265	RJ	8-7-26	7y-307d	60,846	3,082.9*

John C. Mohney, Punxsutawney, Pa.

Dinah	GrJ	4- -26	6y-243d	60,915	3,472.2
Topsy	GrJ	12-21-29	6y-183d	55,606	3,334.6*

Clyde McConaughy, Smicksburg, Pa.

Elizabeth Shepp, 529499	RJ	12-9-21	6y-242d	64,809	3,251.4***
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JEFFERSON COUNTY (FIRST)—Year Ending June 30, 1938

H. Forrest Haugh, Tester, R. D. No. 4, Brookville, Pa.

A. J. Bullers & Son, R. D. 6, Brookville, Pa.

Leeda Elaine of Hazen, 192304	RG	4-15-25	9y-299d	88,893	5,117.4*
Letty Elda of Hazen, 245119	RG	12-8-27	7y-155d	81,158	4,316.1*

Wm. Irvin Company, Big Run, Pa.

Betty of Beechcroft, 182785	RG	2-20-25	10y-304d	84,240	4,416.1*
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E. E. Swineford, R. D. 1, Reynoldsville, Pa.

Brindle	GJ	1924	7y-184d	72,369	3,901.0*
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G. Howard Smith, R. D. 2, Reynoldsville, Pa.

Annabell of Jackson Run, 91503	RA	9-21-25	8y-223d	83,612	3,418.5*
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J. Angus Wilson, R. D. 4, Punxsutawney, Pa.

Owl's Superior Wanda, 914662	RJ	8-28-29	6y	52,085	3,313.0*
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JUNIATA COUNTY—Year Ending September 30, 1938

Delmar L. Brofee, Tester, Mifflintown, Pa.

T. R. Auken, Mifflintown, Pa.

Segis Creamelle Lyons, 853688	RH	10-27-22	8y	114,816	3,942.2**
Lady Grace Pride Dekol Ormsby, 455019	RH	1-27-15	8y-170d	108,331	3,481.2**
Hartog Benvenue Maid, 533699	RH	9-19-18	9y- 31d	102,313	3,277.6**

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>H. I. Gray & Son, Honey Grove, Pa.</i>					
Rachel Pietertje, 488414	RH	9-17-17	7y-337d	116,987	3,887.1**
Princess Verbella, 456373	RH	4-19-18	12y	112,199	3,731.6**
Daisy	GH	10-8-14	9y-274d	87,338	3,297.9***
<i>Laurel Run Ormsby Abbekerk,</i>					
1288607	RH	2-3-28	7y-124d	95,356	3,272.2*
<i>Laurel Run Lady Jane Ormsby,</i>					
1115821	RH	5-23-26	9y	104,063	3,213.0***
<i>Rose Emma Pontiac Ormsby,</i>					
1115822	RH	6-10-26	8y-113d	88,302	3,002.3*
<i>Carl L. Smith, McAlisterville, Pa.</i>					
<i>Penstate Esther Homestead,</i>					
983269	RH	1-24-25	9y-71d	100,376	3,483.4**
<i>Holmes E. Groninger, Port Royal, Pa.</i>					
<i>Princess Lyons Changeling,</i>					
701584	RH	4-4-21	10y-81d	98,587	3,463.4***
<i>Princess Lyons Abbekerk Model,</i>					
1072263	RH	4-16-23	9y-46d	86,889	3,128.3**
<i>Lady Imperial Colantha, 675214.</i>					
	RH		9y-212d	91,258	3,059.2**
<i>J. W. Sieber, McAlisterville, Pa.</i>					
<i>Spot Korndyke Sylvia Ormsby.</i>					
	RH	1-17-22	8y	104,761	3,362.8*
<i>T. Furman McClure, Port Royal, Pa.</i>					
<i>Clothilde Sunshine Abbekerk,</i>					
1116630	RH	6-27-25	3y-262d	94,709	3,204.6*
<i>D. Q. Adams, Mifflintown, Pa.</i>					
<i>Korndyke Ormsby Carrie,</i>					
1594137	RH	7-10-27	5y-351d	85,535	3,004.0**

For those who WANT THE BEST

Fortified with Iodine and Wheat Germ Oil



20% MILKERS RATION FILLS THE BILL

Containing no Bulkors or Fillers; a good solid, high producing ration for cows on test.

THE FEED OF CHAMPIONS

Fed the World Record Guernsey that produced more than 20,000 lbs. milk and more than 1,000 lbs. butterfat and held the record for over 5 years.

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ALTMAN'S CASH FEED STORES

Main Office—IRWIN, PA.

LACKAWANNA COUNTY—Year Ending Dec. 31, 1938

Donald Hindman, Tester, R. D., Dalton, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
June (Eartag 45000N)	GrH	1928	7y	101,184	3,306.4*
Flossy (Eartag 83535A)	GrH	1925	8y-306d	87,979	3,288.2*
Specky (Eartag 83538A)	GrH	1925	8y-306d	100,027	3,236.2*

LANCASTER COUNTY (GARDEN SPOT)—Year Ending April 30, 1938

Luke W. Martin, Tester, Goodville, Pa.

Warren L. Eby, R. D. 1, Gordonville, Pa.

<i>Breezy Glen Coley Korndyke</i>					
De Kol, 1054385	RH	9-23-25	10y-170d	131,945	4,448.3*
<i>Breezy Glen K. P. Topsy,</i>					
1429994	RH	12-2-29	6y-133d	89,357	3,042.5*

H. K. Martin, Goodville, Pa.

<i>Tillie Ormsby Cicero Jewel,</i>					
1181244	RH	7-5-27	8y-284d	99,773	3,648.5*

M. V. Brubaker, R. D. 2, New Holland, Pa.

Snow Ball Sylvia, 1131179	RH	12-8-26	9y-154d	101,309	3,201.6*
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LAWRENCE COUNTY—Year Ending May 23, 1938

Wayne Walker, Tester, P. O. Box 119, New Castle, Pa.

Sultan's Fair Lena, 649304	RJ	4-6-23	14y-142d	69,128	3,825.8***
Sultan's Belle of M. G., 710689	RJ	10-8-24	11y-80d	65,582	3,176.5**
Marcia's Sweet Lassie, 650828	RJ	11-14-23	9y-276d	54,927	3,161.8**

LEBANON COUNTY—Year Ending June 30, 1938

Thomas Boyer, Tester, R. 2, Lebanon, Pa.

Jacob N. Smith, R. D. 1, Annville, Pa.

Ancora, 207254	RG	2-4-26	10y	114,403	5,426.9*
Erwinna of Fairview, 207255	RG	3-16-26	9y-181d	94,306	4,527.2**
Ultra Essieola, 276629	RG	11-7-27	7y-335d	74,059	3,761.1**
Ultra Milena, 276631	RG	11-2-28	7y	75,469	3,435.4*
Golden Sibena, 276628	RG	10-29-27	7y-304d	62,944	3,012.3**

Fairview Farms, Cornwall, Pa.

Tampa of Fairview, 197089	RG	10-11-25	8y-215d	100,749	4,778.7**
Wilburtha, 207253	RG	1-7-26	9y-91d	95,009	4,473.7*
Golden Gate of Cornwall, 182793	RG	12-5-24	10y	111,876	4,738.5*
Arbolada, 173361	RG	5-14-24	9y-304d	87,074	4,051.4***
Homewood, 182792	RG	11-30-24	10y	87,347	3,789.8*
Morella Superior, 330771	RG	1-31-30	6y-89d	59,122	3,456.9*
Spot Queen Ultra, 298461	RG	10-21-29	6y-271d	60,987	3,376.9*
Beldena, 173363	RG	7-22-24	8y	71,372	3,295.7***
Irma Superior, 279879	RG	4-5-29	6y-321d	63,312	3,146.0*
Ultra Temora, 279871	RG	11-21-28	7y-225d	65,950	3,119.1*
Topila, 182795	RG	1-28-25	7y	59,317	3,095.3***
Duralena, 325397	RG	10-8-30	5y-243d	68,349	3,074.9*

LEHIGH COUNTY (LEHIGH-NORTHAMPTON)—Year Ending Feb. 28, 1938

James R. Kilgore, Tester, 445 Hamilton St., Allentown, Pa.

Allentown State Hospital

No. 219	GrH	5-22-25	7y	127,877	4,001.3**
Beth-Allen Korndyke	RH	1-23-27	8y	101,922	3,603.6*

L. A. Zimmerman

Spinker Pietertje Landy 2d	RH	2-20-37	6y-204d	114,448	3,970.3*
East View Pontiac Fayne	RH	10-30-26	8y-25d	127,718	3,934.6**
DeKol Potentate Spinker	RH	11-11-23	6y-86d	97,547	3,657.7**

Weyhill Farms

Saucona Creator Burke Lyons	RH	2-25-28	7y	105,337	3,815.9*
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Willow Brook Farms

Highland Laurel	RG	9-17-25	7y	63,388	3,471.1*
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LYCOMING COUNTY—Year Ending Mar. 31, 1938

Alva R. Love, Tester, Williamsport, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>H. A. Snyder, R. D. 1, Montoursville, Pa.</i>					
Loyalmeade Aggie Ormsby, 943478	RH	12-4-23	12y- 60d	139,833	4,956.8**
Loyalmeade Jane Ormsby Peitje, 947312	RH	9-4-24	10y-216d	126,838	4,539.8*
Loyalmeade Freckles Alcartra, 918443	RH	11-13-32	9y-167d	124,625	4,406.0*
Loyalmeade Ruby Pietje Alcartra, 883808	RH	2-1-22	7y-122d	109,379	4,251.1*
Loyalmeade Pearl Ormsby, 1108006	RH	9-24-25	9y- 43d	100,507	3,814.3**
Pansy	GH	1917	9y-150d	90,172	3,579.7*
Loyalmeade Hengerveld of Eagle Crest, 670285	RH	6-3-21	9y-122d	100,080	3,557.9***
Loyalmeade Mary Jane Ormsby, 1249733	RH	8-24-26	8y-179d	95,495	3,526.4*
<i>State Industrial Home, Muncy, Pa.</i>					
Turkey Run Walker Lyons, 1073858	RH	2-1-26	9y-294d	145,440	4,852.0*
Turkey Run Queen, 922935	RH	12-12-22	9y-122d	136,154	4,600.5**
No. 39	GH	1926	7y-298d	115,448	4,125.8**
Loyalmeade Katy Ormsby, 1249736	RH	3-14-27	8y-167d	106,866	4,079.5*
No. 49	GH	1920	9y	104,884	3,890.1**
Turkey Run Lyon Alcartra, 1161110	RH	4-19-27	8y-174d	91,119	3,866.9*
Turkey Run Segis Korndyke, 1053297	RH	11-29-25	7y-304d	102,360	3,546.5**
Annabel Pontiac, 1151017	RH	3-5-27	8y- 72d	106,844	3,498.3*
Mabel Korndyke Segis Lyons, 1167163	RH	4-5-27	6y-235d	103,601	3,240.6**
Turkey Run Lyons, 1238562	RH	3-8-28	6y-300d	88,975	3,189.6**
Inka Creator Korndyke, 1308942	RH	1-4-29	7y- 41d	101,411	3,109.7*
<i>S. L. Nicholson & Son, R. D. 4, Muncy, Pa.</i>					
Elm Brook Regis Alcartra, 879675	RH	12-19-22	11y-273d	118,454	4,383.3**
Lady Burke Dutchland DeKol, 981721	RH	11-4-24	11y- 73d	118,491	3,951.6*
Lady Burke Pontiac Cornicopia	RH	12-29-18	9y-184d	102,700	3,597.6**
Edgend Sadie Vale Aagie Ormsby, 1076813	RH	10-26-25	8y	80,210	3,101.5**
<i>H. R. Paulhamus, Cogan Station, Pa.</i>					
Ladner Caddy Colantha 2nd, 1412415	RH	12-28-27	8y	99,643	3,505.6*

McKEAN COUNTY (FIRST)—Year Ending April 30, 1938

L. A. Buchanan, Tester, Smethport, Pa.

Roxy, 81039P (Pa.)	GH	1924	10y-214d	114,995	3,967.9**
Polly, 99047W (Pa.)	GH		9y-270d	104,482	3,984.7*

MERCER COUNTY (GROVE CITY)—Year Ending June 30, 1938

Paul R. McCauslin, Tester, Grove City, Pa.

Rosa Eminentis, 538886	RJ	5-28-20	10y-236d	78,890	4,836.2**
Bert	GG		7y- 93d	108,662	4,406.7**
Financial Prince's Sallie, 684009	RJ	7-2-25	8y-	65,567	3,829.2***
Financial Prince's Ada, 720713	RJ	10-17-25	8y-120d	70,136	3,675.9***
Financial Prince's Vivian, 723141	RJ		6y-162d	57,859	3,502.4***
Financial Prince's Judith, 720717	RJ	8-19-26	7y-179d	61,920	3,365.9***
Financial Prince's Paula, 723140	RJ	1-24-26	6y-155d	56,161	3,188.1***

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Buttercup Janet	RJ	12-10-23	8y	79,471	4,586.6*
Major Hood's Minnie, 700047	RJ	10-30-25	8y-300d	78,872	4,485.9*
Fanny Hortense	RJ	10-22-28	8y	85,167	4,167.5*
Lady Clarie Tennyson, 825041	RJ	10-15-28	7y-184d	61,929	3,154.6*
Tillie	GG	-9-16	11y-156d	93,278	4,408.4**
Bess 2nd	GG	9-15-17	8y-244d	61,525	3,429.9**
Ruth	GG	1- -27	8y-107d	63,625	3,281.3*
Maude	GJ		8y-213d	77,487	4,274.8**
Lois Sultan Marie, 802567	RJ	8-22-26	7y-317d	68,687	3,890.5*
Little Mack's Dream Lady, 690091	RJ	10-12-25	7y-141d	70,432	3,848.5**
Mill Run Dream, 942674	RJ	7-29-27	7y- 28d	61,423	3,419.4*
Foxy Pet Double Lass, 738792	RJ	11-10-26	6y-244d	57,736	3,806.5**
Torono's Foxy Pet, 666500	RJ	3-13-22	7y- 92d	57,592	3,214.7***
Lass's Memory, 708300	RJ	11-30-25	6y-306d	45,735	3,050.5***
Idelpha George's Brisk, 666502	RJ	3-18-24	6y-123d	45,883	3,027.1***
Molly	GG	1923	7y-184d	57,125	3,030.8**

MIFFLIN COUNTY (NO. 1)—Year Ending July 31, 1938

Kenneth Wright, Tester, Burnham, Pa.

Elmbrook Ormsby Pontiac Snowball, 1906774	RH	9-25-29	6y-259d	95,392	3,233.4*
Juniata Lady Lyons, 1684128	RH	11-25-28	7y- 89d	88,137	3,279.3**
Aaggie Pontiac Korndyke Girl, 1567117	RH	10-8-29	6y-177d	93,497	3,351.0*

MONTGOMERY COUNTY (NO. 1)—Year Ending April 30, 1938

Delbert E. Keir, Tester, Norristown, Pa.

<i>H. D. Allebach, Collegeville, Pa.</i>					
All. Bellwood Cornucopia, 1347743	RH	8-17-27	8y-153d	96,946	3,534.7*
All. Sylvia Pontiac Jewet, 1119553	RH	8-25-23	11y- 20d	107,977	3,823.1**
<i>Mrs. Howard Bieler, East Greenville, Pa.</i>					
Sally	GH		12y	105,787	3,669.2*
Belle	GH	8-2-24	10y-304d	101,920	3,465.5**
<i>S. C. Burton, Maple Glen, Pa.</i>					
Kelso's Cheerful, 569318	RG	11-13-28	7y- 74d	58,091	3,161.0*
Woodside's Milady, 270738	RG	4-13-27	8y	65,311	3,357.6*
<i>Charles Fetterman, Barto, Pa.</i>					
Bessie	GH	1929	8y- 90d	87,796	3,113.2**
Polly Kriebelle Ormsby V. B., 1350967	RH	8-24-28	7y-239d	83,918	3,189.4*
<i>Alvin L. Funk, Collegeville, Pa.</i>					
Beauty's Hope of Hill View, 296633	RG	9-9-29	6y-186d	65,679	3,182.9*
<i>Harvey Murphy, R. D., Norristown, Pa.</i>					
Hipdown	GH		8y-189d	85,081	3,458.6*
Spot	GH		8y-212d	113,878	3,986.6*
Hope	GH		8y-168d	88,792	3,281.5*
<i>Homer Schultz, East Greenville, Pa.</i>					
Queen Pontiac of Plea. Inka, 1025740	RH	1-9-25	8y	90,144	3,177.0*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Wayne Schultz, East Greenville, Pa.</i>					
Scholtop Fayne Sylvia Jewet,					
1177132	RH	9-1-24	8y-363d	110,521	3,900.9**
No. 18		1-1-24	9y-153d	93,414	3,822.9**
<i>Silver Spring Farm, Norristown, Pa.</i>					
Number One	PG		6y-304d	68,512	3,945.2**
<i>J. L. Wood & Sons, Pennsburg, Pa.</i>					
Wood. Ormsby Segis Pontiac,					
1429965	RH	8-2-29	6y-150d	96,101	3,202.5*

NORTHAMPTON COUNTY (NO. 2)—Year Ending Feb. 28, 1938

Charles R. Beck, Tester, c/o B. L. Coleman, Agr. Ext. Ass'n., Easton, Pa.

<i>Floyd R. Shook, R. D. 1, Pen Argyl, Pa.</i>					
Betty Alcartra Ruth, 1275344.....	RH	10-4-27	7y	84,080	3,275.0*
Pearl Sylvia Ruth, 1378221.....	RH	11-30-28	6y-185d	79,597	3,147.9*

NORTHUMBERLAND COUNTY (Northumberland-Snyder)—Ending Mar. 31, 1938

John Ginck, Tester, Paxinos, Pa.

No. 43	GrH	1927	5y-262d	76,789	3,204.7*
Diana 896L	GrH	1927	6y- 1d	74,600	3,065.4*
Warriors Spark of Point Pleasant.	RG	5-25-25	9y- 2d	56,053	3,043.0**
No. 30	GrH	1926	7y- 2d	89,380	3,032.9**

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JAMES MFG. CO.

ELMIRA

NEW YORK

PERRY COUNTY—Year Ending Feb. 28, 1938

Bruce E. Beaver, Tester, Millerstown, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Beaver Bros., Millerstown, Pa.</i>					
Q'dale Rachel Creamelle Lad,					
857761	RH	11-5-22	11y- 59d	118,374	4,232.3*
Mary Creamelle De Kol, 8086.....	RH	1-9-25	8y-296d	99,562	3,694.8*
Dijkstra Torret De Kol, 8082.....	RH	12-17-27	7y-172d	87,253	3,390.2*
Rachel Berks Hengerveld, 8084.....	RH	2-29-28	7y-279d	87,744	3,354.4*
Duchess De Kol Hengerveld,					
8029	RH	5-7-25	8y-204d	76,874	3,193.7**
Helen Creamelle Berks, 8088.....	RH	1-13-26	6y-275d	90,944	3,066.8**
<i>Ward R. Milligan, Loysville, Pa.</i>					
Bess	GrH	1-9-29	7y- 21d	96,280	3,027.5*

POTTER COUNTY (ULYSSES)—Year Ending Oct. 31, 1938

Paul J. Gregory, Tester, Coudersport, Pa.

<i>Topsy Ormsby Clintonia,</i>					
1238485	RH	1-1-28	8y- 92d	93,038	4,019.7*
Cloverton Juliet, 460278.....	RH	9-29-16	8y-286d	107,551	3,717.1*
<i>Alberta Johanna Pontiac,</i>					
1019072	RH	1-10-25	8y- 92d	119,956	4,113.7*
<i>Stone Ridge Grace Clintonia,</i>					
504883	RH	9-15-18	8y	112,509	4,069.5*

SCHUYLKILL COUNTY—Year Ending Mar. 31, 1938

Henry Lindner, Tester, Ringtown, Pa.

<i>Schuylkill Co. Poor District, Schuylkill Haven, Pa.</i>					
Betty's Beauty, 43551.....	GrA	1-15-25	10y-317d	95,665	4,519.7*
<i>Arthur Heisler, R. D., Tamaqua, Pa.</i>					
Sallie	GrH	1926	10y- 81d	119,933	4,260.6*
<i>Robert Ludwig, Hegins, Pa.</i>					
Daise	GrH	1923	9y-214d	97,970	3,904.9**
<i>Maude Richards, Pottsville, Pa.</i>					
Sunbeam	Mix	1924	11y-258d	95,149	3,875.3*
<i>Roy Gauker, Cressona, Pa.</i>					
Lass	GrH		10y-122d	117,465	3,672.1*
<i>I. Earl Paxon, Schuylkill Haven, Pa.</i>					
Josephine Cora DeKol, 1177305.....	RH	6-28-26	9y-186d	106,961	3,542.0*
Polly	GrH	7-5-28	7y-193d	93,610	3,472.1*
<i>Guy S. Reed, Summit Station, Pa.</i>					
Lil	GrH	4-23-27	8y- 75d	94,664	3,421.3*
<i>U. E. Rhein, Pine Grove, Pa.</i>					
Camilla You'll Do, 881594.....	RJ	1- -29	7y- 55d	57,218	3,115.5*

SOMERSET COUNTY—Year Ending Mar. 31, 1938

Joseph Duncan, Tester, Somerset, Pa.

<i>O. W. Beachley, R. D. 5, Somerset, Pa.</i>					
Bolly	GrH		8y-306d	11,226	3,767.6***
<i>Mrs. Alice Brant, R. D. 1, Friedens, Pa.</i>					
Polly	Mix	1927	7y-182d	57,612	3,546.2*
Star	Mix	1928	6y-193d	72,932	3,128.5**
<i>Meyers Brothers, Meyersdale, Pa.</i>					
Nick's Beauty of Upland Farm,					
24611	RBSw	10-25-26	7y	80,306	3,308.7*

SULLIVAN COUNTY—Year Ending Sept. 30, 1938

Maynard Reibson, Tester, Forksville, Pa.

Lill K92417	GrH	1922	11y- 62d	107,438	4,589.6
June B32305	GrH	1923	10y-186d	92,834	3,922.9

SUSQUEHANNA COUNTY (Western Susquehanna No. 1)—Ending June 30, 1938

Arthur Clink, Tester, Montrose, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>S. C. Birchard & Son, Birchardville, Pa.</i>					
Romulus Nicadunce, 642043....RJ		3-15-24	10y-244d	59,708	3,780.1**
Butter Boys Lucky Fly, 662202...RJ		12-12-24	9y-306d	68,523	3,626.2**
<i>Floyd Hibbard, Springville, Pa.</i>					
Sylvia Dichter Echo, 1771576....RH		12-25-24	9y	107,065	3,311.5*

SUSQUEHANNA COUNTY—(Susquehanna No. 2)—Year Ending Jan. 31, 1938

R. M. Rodenick, Tester, c/o Ag. Ext. Ass'n., Montrose, Pa.

Ray Walworth, New Milford, Pa.

Irene DeKol Countess Segis, 1186204	RH	9-6-26	9y-274d	96,774	3,282.9**
Josie Korndyke DeKol Mutual, 1476015	RH	6-6-29	6y-247d	87,346	3,003.2**

TIOGA COUNTY (JACKSON)—Year Ending March 31, 1938

Ward McConnell, Tester, Box 63, Millerton, Pa.

E. B. Spencer & Son, Millerton, Pa.

Spencercrest Lyons Yoma Snowdrop, 1153314	RH	4-3-26	9y-199d	121,718	4,250.5*
Spencercrest Spofford Snowdrop, 1033365	RH	12-7-24	8y- 24d	104,820	4,219.5**
Spencercrest Yoma Lyons Snowdrop, 1224587	RH	3-25-27	8y-274d	94,541	3,344.7*

Noel Card, Lawrenceville, Pa.

Interested Owl's Frankie, 520707.RJ		10-27-20	9y-156d	75,311	4,035.9**
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TIOGA COUNTY (LIBERTY)—Year Ending Aug. 31, 1938

Leo Plank, Tester, Liberty, Pa.

Albert Norman, Liberty, Pa.

Meadowbrook Bess, 979672....RJ		4-15-23	10y- 24d	77,501	4,503.1**
Meadowbrook Nellie Daisy, 985034	RJ		9y	71,209	4,064.3*
Meadowbrook Jolly Nellie, 985032	RJ	2-15-26	9y	72,483	3,657.1*
Meadowbrook Mary, 985033....RJ		11-22-28	7y-304d	61,731	3,539.4*

TIOGA COUNTY (MANSFIELD)—Year Ending Mar. 31, 1938

C. T. Jones, Tester, Mansfield, Pa.

East Brook Farm, Covington, Pa.

E. B. Flossy Wayne Beets, 1247287	RH	12-9-27	8y- 29d	102,398	3,899.4*
E. B. Pauline Netherland, 1316693	RH	4-25-28	7y-113d	102,758	3,485.9*
E. B. Pontiac Ormsby Wayne, 1198322	RH	12-13-26	7y-175d	90,703	3,414.9**

Ernest M. Bolt, Covington, Pa.

Mary	GrH	1-1-24	8y-306d	86,767	3,823.9**
Kitty	GrH	1- -26	7y-275d	85,530	3,024.7**

TIOGA COUNTY (WELLSBORO)—Year Ending Oct. 31, 1938

George W. Thompson, Tester, Box 604, Wellsboro, Pa.

Roy S. Bowen, Wellsboro, Pa.

Winnie Ormsby Pontiac Finderne, 1027092	RH	10-13-24	11y	204,143	6,209.8*
Gwenie Junior Ormsby Finderne, 907025	RH	11-5-23	11y	172,048	5,518.8*
Adequate Eva Ormsby Pontiac Posch, 1386426	RH	1-18-29	6y-156d	92,198	3,005.3*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>George B. Butler, Wellsboro, Pa.</i>					
No. 31	GrG	3-21-26	10y- 59d	88,930	4,398.9**
No. 27	GrG	3-27-25	10y-168d	94,776	4,340.7**
No. 28	GrG	9-5-25	9y- 52d	92,044	4,142.8**
Molly of Brookside, 147957	RG	4-25-23	9y-243d	73,230	3,684.5**
Dot of Brookside, 183789	RG	4-16-25	8y-173d	72,080	3,154.7**
No. 37	GrG	4-7-28	6y-349d	60,272	3,130.1**
<i>Clark Bowen, Wellsboro, Pa.</i>					
Daisy Pontiac Tehee, 820683....RH		2-11-22	9y	113,972	3,946.9**
<i>John W. Eaton, Wellsboro, Pa.</i>					
Danny Boy's Dark Bess, 596241..RJ		12-12-22	10y	70,824	3,525.1*
<i>Ralph Sampson, Crooked Creek, Pa.</i>					
No. 4	GrH	1922	8y	96,168	3,340.8**
Queen Mutual Ona	RH	3-2-22	7y-120d	101,834	3,310.5**

UNION COUNTY (BUFFALO VALLEY)—Year Ending June 30, 1938

Oscar H. Rockey, Tester, 357 Chestnut St., Mifflinburg, Pa.

A. C. Slifer, Lewisburg, Pa.

Blanche Ormsby Piebe Posch, 1021671	RH	5-11-25	11y	135,885	5,464.0*
Dennington Onaca Lyons, 1020193	RH	9-28-24	7y-215d	109,626	3,699.6**
Napal Plum Daisy 2nd 721621...RH		10-23-20	6y-274d	91,437	3,102.5**

H. K. Benner, Vicksburg, Pa.

Helen Zuella Ormsby, 1040883...RH		11-25-25	10y-246d	143,721	4,767.2*
Lucille Ormsby Pontiac Findern, 1066457	RH	10-14-25	9y- 36d	138,470	4,508.5**
Mercedes Ormsby Pontiac Reblet, 1066459	RH	3-6-26	9y- 27d	112,974	4,132.7**
Marie Pontiac Ormsby Zuella, 1040882	RH	11-5-25	9y-304d	105,108	3,652.6**
Ruby Sadie Vale Ormsby Finderne, 907023	RH	10-8-23	9y	110,758	3,627.1**

Mary S. Brouse, Mifflinburg, Pa.

Florine Vogel, 15220.....RBS		3-29-22	11y	94,454	4,247.9**
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J. L. Reitz, Lewisburg, Pa.

Beauty Pontiac Piebe Vale, 1047585	RH	8-23-25	10y-153d	127,971	4,125.1*
Fre-Rus Winsome, 944048.....RH		11-5-23	11y- 62d	117,380	4,113.5**
Rose De-Kol Hedge Lane Carrie, 1086355	RH	1-24-26	10y-136d	118,517	3,884.2*
Queen Korndyke Piebe Pontiac, 1047586	RH	10-19-25	9y-224d	111,282	3,390.0***
Korndyke Erma Pontiac, 1287350.RH		12-21-27	7y-160d	97,452	3,112.0*
Reveille Pontiac Ormsby Neta, 998210	RH	11-7-24	8y-263d	92,329	3,014.1***

J. S. Zeigler, Lewisburg, Pa.

Snowball Gibson Napel, 1144368.RH		3-5-26	9y-121d	113,893	4,057.8*
Lucinda Doris DeKol, 806263....RH		2-22-22	8y-273d	107,909	3,493.3**

William J. Erdley, Mifflinburg, Pa.

Lyons Pontiac Mary, 117466.....RH		8-10-25	9y- 54d	110,028	3,856.3**
Queen Pontiac Denver, 1180334..RH		9-15-25	8y-145d	114,337	3,685.7**
Ambrocia Blanche Riverdale, 875084	RH	3-4-23	7y-123d	88,417	3,341.6**

Laurelton State Village, Laurelton, Pa.

Margaret	GH	1927	7y	110,365	3,692.2*
Tippy	GH		7y	91,413	3,075.3*
Vesta	GH		6y	87,547	3,001.9*

REPORT OF ANNUAL MEETING

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>William S. Erdley, Lewisburg, Pa.</i>					
Johanna Netherland Ormsby Artis, 1270406	RH	3-28-28	7y- 47d	97,922	3,463.9*
Inka Pietertje Segis Copia, 984052	RH	11-9-24	7y-122d	95,650	3,280.3**
Segis Johanna Flossy, 1122205	RH	3-16-26	6y-138d	94,683	3,091.5**
<i>Robert Smith, Millmont, Pa.</i>					
Segis Queen Mercedes Pontiac, 1255890	RH	9-30-25	6y-115d	91,167	3,448.1**
<i>John S. Wehr, Mifflinburg, Pa.</i>					
Roschen Whiteye Homestead, 1524737	RH	9-27-27	7y- 41d	91,647	3,182.1**
<i>David E. Voneida, Lewisburg, Pa.</i>					
Mary Arlene of Prince Vogel, 23488	RBS	2-17-26	7y	76,122	3,014.8*

VENANGO COUNTY—Year Ending July 31, 1938

John E. Baker, Tester, Box 468, Franklin, Pa.

Jannek Pontiac Netherland 5th, 1030816	RH	12-16-24	9	143,650	5,429.1**
Mead DeKol Jannek 4th, 952837	RH	1-12-24	11	156,175	5,142.6**
Peterina Pledge Jannek 2nd, 887395	RH	12-1-23	9	144,813	4,863.9**
Mead Waldorf Creator, 1122289	RH	5-7-26	9	123,332	4,470.6**
Mead Champion Jannek Polk, 832165	RH	1-28-23	9	123,926	4,194.7**

HEADQUARTERS for Equipment and Supplies

for

DAIRY HERD IMPROVEMENT ASSOCIATIONS

The Complete Testing Equipment with 24-Bottle
Aluminum Babcock Hand Tester at \$50.00

The Complete Testing Equipment with 24-Bottle
De Luxe Aluminum Electric Babcock Tester at \$75.00

* * *

Our Latest Improved 24-Bottle Aluminum Babcock Hand Tester with
water-tight bowl for hot testing at \$26.00. This machine has gears running
in grease, weighs less than 40 pounds, and is very convenient to carry on
the job.

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Combination Hand and Electric at \$50.00. 40 lb. Chatillon Dairy Scale
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WISCONSIN DAIRY SUPPLY CO.

WHITEWATER, WISCONSIN

THE PENNSYLVANIA DAIRYMEN'S ASSOCIATION

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Melina Vernon DeKol 5th, 705847	RH	2-25-21	9	111,372	4,087.4**
Lady Vernon Mead Waldorf, 1122293	RH	3-31-26	8	127,563	4,015.2**
Cyboelyn DeKol Jannek 2nd, 742083	RH	12-1-22	9	118,748	3,979.3**
Melina Creator Korndyke, 1122290	RH	5-7-26	7	115,443	3,955.6**
Clothild Mead Lady, 742078	RH	12-20-21	8	123,516	3,945.8**
Jannek Korndyke Segis Inka 3rd, 952846	RH	3-18-24	6	120,702	3,713.3**
Jannek Dean Lady Korndyke 2nd, 832169	RH	3-7-23	7	105,193	3,701.3**
Netherland Korndyke Inka 2nd, 742101	RH	1-16-22	9	120,027	3,663.2**
Jannek Segis Waldorf, 1369189	RH	12-15-28	6	106,496	3,589.1**
Bowkina Creator Vernon, 1290495	RH	7-26-28	7	101,052	3,372.8**
Highland Waldorf DeKol 2nd, 1122284	RH	2-7-26	6	100,758	3,039.0**
Anna May of Good Hope, 197407	RG	4-27-25	10	77,012	3,765.9*
Betty	GrG	3-1-24	9	72,618	3,557.6**

WARREN COUNTY—Year Ending April 30, 1938

Warren Schuckers, Tester, Box 74, Spring Creek, Pa.

State Hospital, Warren, Pa.

17—Conewango A. K. S. Pride, 1103738	RH	12-8-25	9y-233d	148,372	4,772.6*
411A	GH	6-17-24	10y-319d	144,313	4,604.6*
500A—Conewango Mazie, 1069042	RH	11-3-25	10y	130,782	4,174.0*
193A	GH	3-3-27	8y-269d	120,733	4,091.8**
31—Conewango A. K. S. Pauline, 1193153	RH	12-27-26	8y-273d	111,259	3,792.5*
1072—Conewango Rag Apple Pride, 873446	RH	8-22-23	8y-304d	102,444	3,561.9**
485	GH	9-15-23	8y-242d	96,588	3,551.3**
154A	GH	2-18-25	8y-245d	85,607	3,264.4**
645—Conewango Lilith Lady, 1393572	RH	7-28-29	6y- 90d	106,247	3,247.9*
795—Conewango Sadie Vale Lady, 799802	RH	2-22-22	8y-145d	103,013	3,165.8**
426A	GH	4-21-25	7y-290d	97,460	3,160.8**
44—Conewango A. K. S. Pearl, 1308769	RH	6-22-28	7y-201d	99,411	3,159.1*
16—Conewango A. K. S. Rose, 1103737	RH	12-7-25	7y-234d	95,849	3,080.9**
584A—Conewango Colantha Lilith Pet, 1486728	RH	5-6-30	5y-167d	82,744	3,070.4*
421A	GH	11-29-24	7y- 77d	95,356	3,049.8**
555A—Conewango Ormsby Pride, 1364744	RH	10-12-28	7y-181d	90,455	3,022.3*
<i>Rouse Hospital, Youngsville, Pa.</i>					
23-C3057	GH	6- -27	8y-181d	101,819	3,706.3*

WASHINGTON COUNTY—Year Ending Aug. 31, 1938

Robert C. Mayhew, Tester, Box 154, Monongahela, Pa.

Pennsylvania Training School, Morgantown, Pa.

350—Diana Belais Lorine, 632882	RJ	7-21-24	8y-242d	96,259	5,016.9**
487—Maple Valley Ferndale Pontiac, 1410166	RH	4-3-26	8y-329d	136,178	4,222.4**

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
429—Kimwar Jane Pontiac					
Pauline, 1226527	RH	12-10-23	9y	95,288	3,546.0**
J. A. Dinsmore, R. D. 3, Washington, Pa.					
Theo's Sara Majesty, 1047605	RJ	10-9-25	8y-316d	67,506	3,569.2*

WAYNE COUNTY (CLINTON)—Year Ending Nov. 30, 1938

Walter L. Haldeman, Tester, Honesdale, Pa.

Chenille's Dot, 437539	RJ	3-7-27	9y-304d	59,776	3,521.3***
Ardmore Telegram 4th, 781385	RJ	6-14-27	8y-175d	61,069	3,143.8**
Chenille's Farce Rebecca, 436372	RJ	2-19-17	11y-279d	67,891	4,174.1**
Dot's Lucy, 600459	RJ	11-13-22	9y-259d	63,139	3,453.3*
Brookside Chenille's Carrie,					
642397	RJ	2-10-24	12y	64,215	3,521.9**
Cid's Riverdale Rose, 778698	RJ	3-30-27	9y-112d	60,847	3,201.9**
Oxford Sultan's Gracie, 731913	RJ	4-3-26	8y- 32d	58,617	3,135.8**
Cid's Rockdale Jean, 828341	RJ	2-16-28	8y-194d	66,710	3,991.3**
Beulah	GrH	1926	9y-197d	98,586	3,614.4**
Belle	GrH	1926	10y- 14d	90,784	3,194.2**
Dot	GrH	1926	9y- 97d	89,188	3,116.6**
Ruth	GrH	1926	8y-156d	92,567	3,501.6**
Beauty	GrH	1926	9y-182d	89,883	3,046.9*
Beauty	GrJ	2-15-23	8y-212d	58,979	3,531.9**
Torono's Lucy's Dot, 685923	RJ	2-12-25	8y- 35d	56,065	3,317.9**
Star	GrJ	2-16-22	7y-336d	67,200	3,413.1**
Peggy	GrJ	4-2-23	9y-121d	90,998	4,770.7
Rose No. 2	GrJ	3-8-24	9y-335d	88,811	4,734.0**
Flossie	GrJ	1916	10y- 10d	91,856	4,599.5*
Edgeview Pansy Gabbage,					
747028	RJ	9-26-26	8y- 19d	55,022	3,043.2**
Ethly Korndyke Cornucopia,					
478227	RH	3-18-18	8y- 92d	96,360	3,055.3**
Ethel Korndyke Cornucopia, III,					
871088	RH	10-27-23	8y- 35d	115,463	3,837.7**
Ardmore's You'll Do's Fawn,	RJ	8-26-26	9y-196d	72,625	3,697.6**
753484					
Ardmore's Riverside, 755722	RJ	1-8-27	8y-241d	67,926	3,842.9**
Sophie's Torono's Betty, 584608	RJ	2-1-23	9y-359d	88,887	4,828.6**
Ardmore's Options Tessa	RJ	4-17-27	9y-233d	78,153	4,332.0**
Ardmore's Fawn, 740278	RJ	4-26-26	9y-352d	72,067	4,049.8**
Chenille Charmer	RJ	2-28-28	7y-214d	60,436	3,325.5**
Lucky Bonetia, 949711	RJ	4-8-24	6y-169d	55,035	3,159.4**
Mary Lucretia Aaggie, 1509952	RH	10-28-25	6y-346d	84,726	3,154.9*
Craft Farm Belle Konigen 2nd,					
1547310	RH	4-19-24	8y-131d	95,132	3,043.8**
Lathrop Star Oak Star	RH	12-22-30	5y-234d	86,019	3,154.9**

WAYNE COUNTY (DAMASCUS)—Year Ending Mar. 31, 1938

Kermit Witmer, Tester, c/o Ag. Ext. Ass'n., Honesdale, Pa.

T. H. Olver, Beach Lake, Pa.					
Clara	GrH	1923	9y-245d	100,085	3,975.0**
F. Emit Olver, Honesdale, Pa.					
Joyce Ona Segis Wayne	RH	4-10-26	8y-180d	108,253	3,718.8*
C. E. Canfield, Damascus, Pa.					
Johanna Segis Clothilde Lass,					
1648505	RH	8-23-27	7y-212d	101,699	3,425.3*
Ormsby Inka Alcartra	RH	4-26-30	6y	78,136	3,171.0*
Ormsby DeKol Segis Girl,					
1713233	RH	9-1-26	9y	88,302	3,162.9*
Warner Robbins, Beach Lake, Pa.					
Chestnur Lae Pietertje					
Colantha, 1201401	RH	1-8-27	8y	92,838	3,355.3*

WESTMORELAND COUNTY (NO. 1)—Year Ending Aug. 31, 1938

Galen Furry, Tester, Greensburg, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Lemon's Dairy, Saltsburg, Pa.					
Flossy	GrH	1920	10y- 90d	105,757	4,205.8*
Dr. Fred Wohlwend, Salina, Pa.					
Pollyanna II of Salina	RSw		8y- 91d	100,325	4,114.8*
Polly Mollie	RSw	9-1-19	7y- 12d	87,589	3,555.2***
St. Vincent Archabbey, Latrobe, Pa.					
Fayne Korndyke Beauty,					
1373365	RH	1-29-27	9y-234d	107,065	3,935.0*
176	GrH	1923	11y	111,987	3,861.4*
Vincent Fanny Hengerveld					
Korndyke, 1153302	RH	8-17-25	10y-256d	112,817	3,748.6*
Pinehard Fannie Jewel Kismet,					
1125724	RH	11-5-26	8y- 86d	108,185	3,605.0**
Vincent Florence Hengerveld,					
1223054	RH	12-17-27	8y- 26d	94,301	3,327.8*
Vincent June Pontiac Echo,					
1177784	RH	7-24-36	9y-267d	97,829	3,325.9*
Kimwar Mercedes Sylvia,					
1032131	RH	9-8-23	9y	105,831	3,243.6**
166	GrH	1918	8y-153d	102,503	3,142.2**
J. C. Gaut, Alverton, Pa.					
Aaggie Phiebe Butter Girl,					
1070784	RH	11-25-25	8y-303d	115,401	3,645.7**
R. C. Lemon & Son, Saltsburg, Pa.					
Kordet Cynthia, 1173063	RH	12-25-26	8y-171d	106,838	3,390.6*

WESTMORELAND COUNTY (NO. 2)—Year Ending Aug. 31, 1938

Robert C. Lydick, Greensburg, Pa.

Westmoreland County Home, Greensburg, Pa.					
Hengerveld Pontiac Girl Echo,					
1311998	RH	5-28-25	9y-184d	172,626	5,846.2*
Golden Age Jane Segis, 1108825	RH	12-1-25	9y-148d	131,825	4,962.7*
Westcopa Sylvia Valdessa,					
1320249	RH		7y-157d	126,714	4,520.4*
Golden Age Effie Segis Ona,					
1126901	RH	12-10-26	7y-114d	112,611	3,921.7**
Alice May Segis, 1277989	RH	3-8-28	6y-211d	99,956	3,556.1*
Alcartra Pietertje Veeman,					
1252327	RH	4-5-28	7y-182d	105,176	3,464.9**
Pinehard Maud Champion					
Aaggie, 986804	RH	3-10-24	5y-257d	110,444	3,371.5**
Grace Valdessa DeKol Pontiac,					
1117673	RH	10-9-24	6y- 29d	84,520	3,119.6**

WYOMING COUNTY—Year Ending Sept. 30, 1938

Charles Henry, Tester, Mehoopany, Pa.

A. S. Hallock, Laceyville, Pa.					
Oakmead Hengerveld, 1259140	RH	9-4-27	7y	93,637	3,150.4

YORK COUNTY (NORTHERN)—Year Ending Dec. 31, 1938

George W. Strock, Tester, R. D. 2, Mechanicsburg, Pa.

J. Raymond Arnold, Hellam, Pa.					
Mandy	GrG	1925	11y	118,836	5,013.5*
Grace	GrG	1925	9y-304d	176,489	4,790.3**
Mose	GrG	1925	9y-151d	89,241	4,366.4**

YORK COUNTY (SOUTHERN)—Year Ending Feb. 28, 1938

Robert M. Scott, Tester, R. D. 3, Delta, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Lauxmont Farms, Wrightsville, Pa.</i>					
Travnick Katie Vale Pontiac, 940576	RH	4-12-24	7y	118,211	4,279.0*
Racine Ollie Homestead Piebe, 1181367	RH	10-11-26	6y-191d	97,439	3,320.2*
Colantha Rose Mooie, 1550911	RH	51-5-31	4y-210d	79,645	3,266.3*
Walshland Pietertje Ormsby 2nd, 1556127	RH	11-20-28	7y	87,406	3,226.6*
<i>Dale D. Kilgore, Woodbine, Pa.</i>					
Polly	GG	5- -25	9y-192d	76,449	4,215.7*
<i>W. S. Grimm, Red Lion, Pa.</i>					
Piebe Sue Hengerveld, 1232594	RH	6-22-25	9y-330d	126,220	4,156.7*
Prilly Segis Pontiac Mary, 1232598	RH	5-16-25	10y- 67d	106,465	3,738.2**
Pansy Pontiac Piebe Century, 1270459	RH	6-8-24	9y	107,614	3,677.7**
Bessie Mechthilde DeKol Girl, 1307835	RH	7-3-25	8y-301d	95,629	3,621.2*
Jean Alcartra Piebe, 1232596	RH	6-26-24	10y-107d	83,223	3,600.2**
Arlene Valentine Colantha, 1337078	RH	2-19-28	7y-166d	87,325	3,225.7*
Pearl Colantha DeKol Pontiac, 1146192	RH	9-29-23	7y- 28d	96,367	3,112.0*
<i>Jay-Bee Farms, York New Salem, Pa.</i>					
Penshurst Rosanna	RAyr	9-6-28	6y	77,184	3,251.9*

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31 S. 2ND STREET — COLUMBIA, PA.

Penna. County Extension Representatives

COUNTY AGRICULTURAL AGENTS

County	Name	Address
Adams County	Hartman, M. T.	Gettysburg, Pa.
Allegheny Co., Court House	Eby, H. R.	Pittsburgh, Pa.
Armstrong County	Shenk, S. B.	Kittanning, Pa.
Beaver County	Gridley, R. M.	Beaver, Pa.
Bedford County	Mollenauer, L. R.	Bedford, Pa.
Berks County	Adams, C. S.	Reading, Pa.
Blair County	Hamill, E. G.	Hollidaysburg, Pa.
Bradford County	Reber, P. N.	Towanda, Pa.
Bucks County	Greenawalt, W. F.	Doylestown, Pa.
Butler County	McDougall, R. H.	Butler, Pa.
Cambria County	McWilliams, H. C.	Ebensburg, Pa.
Cameron County	Koppenheffer, C. E.	Emporium, Pa.
Carbon County	Rahn, N. M.	Mauch Chunk, Pa.
Center County	Blaney, R. C.	Bellefonte, Pa.
Chester County	Oberle, J. S.	West Chester, Pa.
Clarion County	Miller, F. K.	Clarion, Pa.
Clearfield County	Mitchell, W. O.	Clearfield, Pa.
Clinton County	McCool, J. B.	Lock Haven, Pa.
Columbia County	Niesley, P. G.	Bloomsburg, Pa.
Crawford County	Sprout, C. D.	Meadville, Pa.
Cumberland County	Galt, W. I.	Carlisle, Pa.
Dauphin Co., Municipal Bldg.	Frommeyer, A. S.	Harrisburg, Pa.
Delaware County	Wilcox, H. O.	Media, Pa.
Elk County	Rockwell, A. C.	Ridgway, Pa.
Erie County	Crossman, P. S.	Erie, Pa.
Fayette County	Carter, R. E.	Uniontown, Pa.
Forest County	Smith, R. M.	Tionesta, Pa.
Franklin County	Knode, J. H.	Chambersburg, Pa.
Greene County	Engle, L. F.	Waynesburg, Pa.
Huntingdon County	Clark, R. S.	Huntingdon, Pa.
Indiana County	Warner, J. W.	Indiana, Pa.
Jefferson County	Winslow, J. P.	Brookville, Pa.
Juniata County	Pheasant, D. R.	Mifflintown, Pa.
Lackawanna County	Zug, S. R.	Scranton, Pa.
Lancaster County	Bucher, F. S.	Lancaster, Pa.
Lawrence County	McCulloch, H. R.	New Castle, Pa.
Lebanon County	Berger, A. C.	Lebanon, Pa.
Lehigh County	Hacker, A. L.	Allentown, Pa.
Luzerne County	Hutchison, J. D.	Wilkes-Barre, Pa.
Lycoming County	Sloan, D. K.	Williamsport, Pa.
McKean County	Ross, W. A.	Smethport, Pa.
Mercer County	Waha, C. H.	Mercer, Pa.
Mifflin County	Thompson, J. C.	Lewistown, Pa.
Monroe County	Ifft, A. E.	Stroudsburg, Pa.
Montgomery County	Waltz, R. G.	Norristown, Pa.
Montour County	Fowler, E. P.	Danville, Pa.
Northampton County	Coleman, B. L.	Easton, Pa.

County	Name	Address
Northumberland County	Myer, F. W.	Sunbury, Pa.
Perry County	Rothrock, L. F.	New Bloomfield, Pa.
Philadelphia County	Hallowell, C. K.	Custom House, 2nd and Chestnut Sts., Philadelphia, Pa.
Pike County	Davis, W. H.	Milford, Pa.
Potter County	Straw, Bert	Coudersport, Pa.
Schuylkill County	Poorbaugh, H. J.	Pottsville, Pa.
Snyder County	Yoder, I. L.	Middleburg, Pa.
Somerset County	McDowell, C. C.	Somerset, Pa.
Sullivan County	Learn, J. W.	Dushore, Pa.
Susquehanna County	Dale, N. C.	Montrose, Pa.
Tioga County	Korb, P. P.	Wellsboro, Pa.
Union County	Bennett, L. R.	Lewisburg, Pa.
Venango County	Ifft, E. G.	Franklin, Pa.
Warren County	Tritt, O. C.	Warren, Pa.
Washington County	Fulton, E. H.	Washington, Pa.
Wayne County	McKeehen, J. E.	Honesdale, Pa.
Westmoreland County	Treager, W. L.	Greensburg, Pa.
Wyoming County	Jaquish, J. J.	Tunkhannock, Pa.
York County	Weber, G. G.	York, Pa.

Asst. County Extension Representatives (AGRICULTURE)

County	Name	Address
Berks County	Schwenk, J. P.	Reading, Pa.
Columbia County	Hummer, J. S.	Bloomsburg, Pa.
Crawford County	Shoemaker, L. K.	Meadville, Pa.
Erie County	Patton, T. H.	Erie, Pa.
Lancaster County	Sloat, H. S.	Lancaster, Pa.
	Anders, H. K.	At Large
Beaver County	Morley, Claud D.	Beaver, Pa.
Bedford County	Martz, Homer H.	Bedford, Pa.
Bradford County	LeVan, Daniel E.	Towanda, Pa.
Center County	Tait, Elton B.	Bellefonte, Pa.
Clearfield County	Webber, Benjamin	Clearfield, Pa.
Dauphin Co., Municipal Bldg.	Miller, Glenn E.	Harrisburg, Pa.
Franklin County	Shaulis, Nelson J.	Chambersburg, Pa.
Indiana County	Ricks, Davis H.	Indiana, Pa.
Lancaster County	Smith, Maxwell M.	Lancaster, Pa.
Luzerne County	Book, James H.	Wilkes-Barre, Pa.
Lycoming County	Rumler, Robert H.	Williamsport, Pa.
Montgomery County	Landenberger, Jesse H.	Norristown, Pa.
Northampton County	Ball, Wm. Brooks	Easton, Pa.
Potter County	Dayton, Lewis C.	Coudersport, Pa.
Washington County	Carter, Lyle A.	Washington, Pa.
Westmoreland County	Thurston, Joseph S.	Greensburg, Pa.
York County	Mollenauer, Russell F.	York, Pa.
Bucks County	Wilson, Wm. H.	Doylestown, Pa.

Pennsylvania Bull Associations

Bull Association	Secretary-Treasurer
Troy-Canton	R. H. Fleming, Alba
Second Butler County—Jersey	Frank Patterson, Slippery Rock
First Butler County—Holstein	C. A. Powell, Renfrew
Third Butler County—Holstein	R. J. Belles, Harmony
First Butler County—Guernsey	Geo. Dickey, Slippery Rock
Second Butler County—Guernsey	T. J. Blair, Renfrew
Everett Bull Association—Jersey	John Baughman, Everett
First Center County—Holstein	J. J. Markle, State College
Second Center County—Holstein	W. C. Krape, Bellefonte
Fourth Center County—Holstein	Fred Bohn, Rebersburg
First Clarion County—Guernsey	Mrs. D. A. Stahlman, New Bethlehem
First Clarion County—Holstein	C. A. McCauley, New Bethlehem
First Clearfield County—Guernsey	Sherman Smith, Sabula
First Clearfield County—Jersey	D. T. Mitchell, Mahaffey
First Clinton County—Guernsey	G. G. Grieb, Tylersville
First Clinton County—Holstein	T. C. Kryder, Mill Hall
Second Crawford County—Holstein	Wm. Hasbrook, Titusville
First Elk County—Guernsey	Joseph Grunthamer, St. Mary's
First Elk County—Holstein	H. J. Gregory, St. Mary's
First Erie County—Holstein	Francis Williams, Union City
First Fayette County—Holstein	John B. Cook, Bell Vernon
Second Fayette County—Holstein	Roy Griffin, Smock
First Franklin County—Guernsey	Mrs. Laura Arthur, Ft. Loudon
First Huntingdon County—Guernsey	Guy H. Neff, Huntingdon
Second Huntingdon County—Brown Swiss	W. H. Hicks, Tyrone
Elders Ridge—Guernsey	A. B. Gray, West Lebanon
Lovejoy Bull Association—Jersey	Clyde Houck, Clymer
Marion Center—Jersey	G. C. Swan, Home
Second Indiana County—Holstein	C. S. Gerhard, Blairsville
Juniata County—Holstein	C. D. Stauffer, Port Royal
East Juniata County—Holstein	Karl A. Fettig, Thompsontown
First Mercer County—Guernsey	H. C. Thompson, Sharpsville
Sandy Creek—Guernsey	Marvin Moyer, Sheakleyville
Mercer County—Holstein	C. A. Gamble, Fredonia
First McKean County—Guernsey	J. H. Hackett, Shinglehouse
First McKean County—Ayrshire	G. A. Rockefeller, Smethport
First McKean County—Holstein	J. M. Kirkman, Turtle Point
First Mifflin County—Holstein	George Oppel, Lewistown
Montgomery County—Holstein	A. K. Rothenberger, Trappe
First Perry County—Holstein	W. R. Milligan, Loysville
First Snyder County—Holstein	S. P. Stauffer, Selinsgrove
Second Snyder County—Holstein	Ira Gross, Beavertown
Tioga County—Holstein	E. B. Spencer, Millerton
First Tioga County—Guernsey	George B. Butler, Wellsboro
Fourth Tioga County—Holstein	Roy Whittaker, Covington
First Tioga County—Jersey	Curtis Smith, Gillette
Union County Junior—Holstein	John Wehr, Mifflinburg
First Wayne County—Jersey	E. C. Erk, Seeleyville
First Wayne County—Holstein	W. H. Doyle, Pleasant Mount
Second Wayne County—Holstein	E. E. Kinsman, Honesdale
First Westmoreland County—Guernsey	H. J. Phillippi, Ligonier
First Wyoming County—Holstein	Clarence Henning, Mehoopany
Second Wyoming County—Holstein	Raymond Furman, Mehoopany
Third Wyoming County—Holstein	Howard Sands, Tunkhannock
First Center County—Jersey	J. V. Brungart, Smullton

Milk and Milk Products Marketing Organizations of Pennsylvania

Name	Address
Dairymen's Co-operative Sales Ass'n.	Century Bldg., Pittsburgh, Pa.
Dairymen's Co-operative Ass'n.	Pittsburgh, Pa.
Berks Co. Milk Producers Co-operative Ass'n.	Reading, Pa.
Morrison Cove Co-operative Agri. Ass'n.	Altoona, Pa.
Towanda Valley Co-operative Creamery Ass'n.	West Franklin, Pa.
Ulster Co-operative Creamery Ass'n.	Ulster, Pa.
Bedminster Dairymen's Ass'n.	Bedminster, Pa.
Dairymen's Co-operative Ass'n. of Bucks County.	Doylestown, Pa.
Neshaminy Valley Co-operative Dairies.	Middletown, Pa.
Union Dairymen's Association.	Wisner, Pa.
Peerless Dairy Co-operative Ass'n.	Portage, Pa.
Chester County Dairymen's Co-operative Ass'n.	Avondale, Pa.
Chestermont Co-operative Dairy Ass'n.	R. D. 1, Pottstown, Pa.
Church Co-operative Creamery Ass'n.	R. D., Knox, Pa.
DuBois Dairy Co.	DuBois, Pa.
Saegertown Co-operative Dairy Ass'n.	Saegertown, Pa.
Summerhill Dairymen's Co-operative Ass'n.	Dicksonburg, Pa.
Harrisburg Milk Producers Co-operative Ass'n.	Harrisburg, Pa.
Erie Co-operative Milk Producers, Inc.	1815 State St., Erie, Pa.
Farmers Co-operative Dairy.	Brownsville, Pa.
Farmers Co-operative Dairy Ass'n. of Connellsville.	Connellsville, Pa.
Juniata Valley Dairymen's Co-operative Ass'n.	Mifflintown, Pa.
Mount Joy Farmers Co-operative Ass'n.	Mount Joy, Pa.
Goldendale Co-operative Creamery Co.	R. D., Edenburg, Pa.
Farmers Dairy Co-operative Ass'n.	Cleona, Pa.
Producers Keystone Dairy Co-operative Ass'n.	Lebanon, Pa.
Lehigh Valley Co-operative Farmers.	1025 N. 7th St., Allentown, Pa.
Lehigh Valley Milk Producers Co-operative Ass'n.	R. D. 4, Allentown, Pa.
Progressive Agricultural Co-operative Ass'n.	Hazleton, Pa.
Lycoming Dairy Farms, Inc.	Williamsport, Pa.
Kane Dairy Co-operative Ass'n.	500 Chase St., Kane, Pa.
Greenville Dairy Co.	Greenville, Pa.
Grove City Creamery (Purchased by the Borden Company).	Grove City, Pa.
Co-operative Creamery Co.	Belleville, Pa.
Allied Dairies Co-operative Ass'n.	Collegeville, Pa.
Co-operative Farmers Union of Plainfield Township.	Pen Argyl, Pa.
Inter-State Milk Producers Co-operative.	401 N. Broad St., Philadelphia, Pa.
Millport Cheese Factory Ass'n.	Millport, Pa.
Shingle House Cheese Factory Ass'n.	Shingle House, Pa.
Somerset-Cambria Co-operative Dairymen's Ass'n.	Stoyestown, Pa.
Lawsville Center Co-operative Creamery Ass'n.	Montrose, Pa.
Rushville Co-operative Creamery Ass'n.	Rushville, Pa.
The Milk Producers Co-operative Ass'n.	R. D. 2, Irwin, Pa.

PENNA. DAIRYMEN'S ASSOCIATION MEMBERSHIP, 1938

ADAMS COUNTY

A. Irvin Hostetter	Littlestown
Annie Markle	R. D. 3, New Oxford

ALLEGHENY COUNTY

C. K. Allison	Mayview
L. C. Burnside	Box 63, Woodville
Eleanor McC. Chalfant (Dundee Farm)	Sewickley Heights, Sewickley
Albert B. Craig	Sewickley
Robert W. Karn	Mayview
H. R. Koenig	R. D. 1, Box 138, Tarentum
Frank McKinney	Elizabeth
Alexander Martin	1302 Mt. Royal Blvd., Etna, Pittsburgh
C. E. Mowry	Willock
Pennsylvania Farmer (M. C. Gilpin)	7301 Penn Ave., Pittsburgh
Robert K. Reiter	Turtle Creek
Wm. A. Smith	c/o Pittsburgh Fdry. & Mach. Co., No. 2 36th St., Pittsburgh
J. H. Wilson & Sons	R. D., Clinton

ARMSTRONG COUNTY

William Claypool	R. D. 6, Kittanning
M. O. Henry	Climax
H. C. Lewis	Kaylor
Ralph W. Steele	R. D. 3, Kittanning

BEAVER COUNTY

T. G. Anderson	New Brighton
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BEDFORD COUNTY

Mrs. Francis Baker	Everett
Clarence H. Detwiler	Woodbury

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Paul R. Anthony	Strausstown
John R. Balthaser	R., Mohrsville
Mark S. Balthaser	R. D. 1, Bernville
Belle Alto Farms	Wernersville
Bethany Orphans' Home	Womelsdorf
J. Barlow Cullum Estate	Reading
Charles E. Fetterman	R. D. 2, Barto
Flying Heel Farms	Reading
Nathan Hoppes	R. D. 1, West Leesport
John T. Pence	221 N. 5th St., Reading
Lyman G. Shamm	Wormelsdorf
Sycamore Farms	Douglassville
Warren F. Whittier	Douglassville

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K. S. Bagshaw	R. D. 2, Hollidaysburg
John W. Burket & Son	R. D. 1, Tyrone
D. A. Morrow	R. D., Tyrone
W. H. Pease	Tyrone
Levi K. Sollenberger	Curryville

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Ben Ballard	Troy
Clarence W. Beach	Columbia Cross Roads

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 H. N. Cobb.....Towanda
 Paul F. Darr.....Milan
 F. W. Gorham.....Nysox
 Lorenzo Grinnell.....Snedekerville
 M. R. & A. B. Humpton.....Milan
 A. E. Madison.....Towanda
 Paul Reber.....Towanda
 T. M. Watts.....Canton
 B. E. Whitney.....905 Main St., Towanda

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 J. Howard Cliffe (Greenfield Farm).....Ivyland
 J. Stanley McGoy.....Newtown
 George School (William S. DeCou, Mgr.).....George School
 Willis M. Hunsberger.....Plumsteadville
 W. H. Margerison.....Langhorne
 C. Myers.....Plumsteadville
 Andrew Palmer.....R. D. 3, Quakertown
 Amos Satterthwaite.....Yardley
 Lewis P. Satterthwaite.....Newtown
 Philip W. Smith.....New Hope
 Wilmer A. Turning.....Wycombe
 Earl Whitman.....Dublin
 Alvin Worthington.....Newtown

BUTLER COUNTY

Hugh Fergus.....Slippery Rock
 Joseph Logert.....North Washington
 Emma Guffey Miller.....R. D. 4, Slippery Rock
 John L. Schiever.....Harmony

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 W. H. Fyock.....R. D. 2, Johnstown
 Mrs. Charles M. Schwab.....Loretto

CAMERON COUNTY

John Bauer.....Emporium

CARBON COUNTY

Landis Jones.....East Mauch Chunk
 Lewis A. Zimmerman.....Lehigh

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 Harry E. Confer.....R. D. 1, Howard
 C. R. Gearhart.....213 Dairy Bldg., State College
 P. D. Jones.....D. H. Dept., State College
 George E. Long.....P. O. Box 126, Howard
 Joe Nageotle.....State College
 R. H. Olmstead.....Dairy Bldg., State College
 I. O. Sidelmann.....213 Dairy Bldg., State College
 Ivan E. Parkin.....Room 213, Dairy Bldg., State College
 R. R. Welch.....213 Dairy Bldg., State College

CHESTER COUNTY

E. Page Allinson.....West Chester
 William F. Bleiler.....Court House Annex, West Chester
 Robert F. Brinton.....West Chester
 Norman W. Frank.....West Chester
 Edward H. Goodwin.....West Grove
 James S. Hogg.....Oxford
 Frank A. Keen.....R. D. 6, West Chester
 H. M. Pate.....Chadds Ford Junction

David Stoltzfus.....R. D., Elverson
 Ernest T. Trigg.....Malvern
 Howard W. Wickersham.....Kelton
 Harvey N. Williams.....Mortonville

CLARION COUNTY

George W. Cole.....Limestone
 R. L. Fleming.....New Bethlehem
 J. W. M. Gruber & Son.....Shippensburg
 Harold B. Hartman.....Sligo
 Paul V. McCall.....Sligo
 C. A. McCauley.....New Bethlehem
 Ray H. Shook.....R. D. 3, Sligo

CLEARFIELD COUNTY

Wm. A. E. Leitzinger (White Oaks Farm).....Clearfield
 Alvin G. Smith.....Clearfield

CLINTON COUNTY

S. F. Esterline.....Greenburr
 Fox Brothers.....Mill Hall

COLUMBIA COUNTY

G. W. Hack & Son.....Berwick

CRAWFORD COUNTY

George Simpson.....345 Mt. Vernon St., Titusville
 W. A. Baird.....c/o Riverside Stock Farm, Cambridge Springs
 Albert Crowl.....Box 56, Guys Mills
 Harry E. Firth.....R. D. 1, Spartansburg
 Will Hasbrouck.....Titusville
 A. K. Hummer.....R. D. 2, Titusville
 E. W. Hummer.....R. D. 2, Titusville
 G. M. Hummer.....Titusville
 Mrs. Nora Noel.....Guy's Mills
 Wesley G. Reitze.....Meadville
 Joseph Pour.....Guy's Mills
 L. K. Shoemaker.....Post Office Bldg., Meadville
 Byron Swan.....Meadville
 Karl Willard.....Saegertown

CUMBERLAND COUNTY

Mark Basehore.....R. 5, Mechanicsburg
 Mrs. E. S. Deubler (Penn Ayr Farm).....Camp Hill
 Enos H. Hess.....Mechanicsburg
 Jesse Kurtz.....Carlisle
 Guy L. Loy.....Newville
 E. C. Ludt.....Carlisle
 H. K. McCullough.....Newville
 Methodist Home for Children.....R. 3, Mechanicsburg
 C. G. Niesley.....Mechanicsburg
 Ira V. Otto.....R. D. 6, Carlisle
 A. A. Raudabaugh.....Carlisle
 J. Paul Shughart.....Allen
 J. Brady Smith.....428 E. King St., Shippensburg
 Janus K. Strackbine, "Vet".....1814 Bridge St., New Cumberland
 John I. Strong.....Mechanicsburg

DAUPHIN COUNTY

Fred C. Auch.....R. D. 1, Harrisburg
 Dr. M. F. Barnes.....B. A. I., Harrisburg
 R. R. Bowman.....Box 111, Harrisburg
 J. M. Boyer.....Lykens
 Warren Bucher.....c/o Dauphin Co. Agr. Ext. Ass'n., Municipal Bldg., Harrisburg
 C. E. Cassel & Son.....Hershey

H. M. Cater.....Hummelstown
 Harry W. Herriott.....Hershey
 Hershey Estates, Dairy and Farm Dept.....Hershey
 Miles Horst.....Telegraph Bldg., Harrisburg
 Odd Fellows Home of Pa. (A. E. Schultz, Supt.).....Middletown
 Rufus F. Patton.....Harrisburg State Hospital, Harrisburg
 B. F. Sheesley.....R. D. 3, Harrisburg
 Samuel B. Williams.....R. D. 1, Middletown
 Thomas B. Williams (Son of Samuel B. Williams, 1 yr., 3 mo. old)
 R. D. 1, Middletown

DELAWARE COUNTY

H. Webster Allyn.....Swarthmore
 R. J. Austin (Liseber Farm).....Newtown Square
 J. Gordon Fetterman.....Media
 William Swindell.....Radnor

ELK COUNTY

E. J. Grotzinger.....St. Mary's

ERIE COUNTY

John B. Brooks.....Erie
 Erie County Home (C. F. Doolittle, Supt.).....Girard
 T. H. Patton.....Agri. Extension, Court House, Erie

GREENE COUNTY

John G. Baily.....Carmichaels
 Keener Bros.....Carmichaels

HUNTINGDON COUNTY

James E. Hindman.....Huntingdon Furnace, R. D. 5, Tyrone
 Roy L. Isenberg.....General Delivery, Huntingdon

INDIANA COUNTY

Dale B. Crawford.....North Point
 J. E. Elkin.....Smicksburg
 Carl Johnston.....Agri. Ext. Association, Indiana
 R. D. Marshall.....Beyer
 R. S. Nickol.....R. D. 1, Home
 E. G. Rice.....Dixonville
 Walter C. Simpson.....Marion Center
 T. M. Strong & Son.....R. D. 2, Blairsville
 H. M. Travis.....Smicksburg
 W. P. Thompson.....Smicksburg
 J. W. Warner.....Indiana
 Indiana County Home (James H. White, Supt.).....Indiana

JEFFERSON COUNTY

A. J. Bullers & Son.....Brookville
 John L. Dickey.....Reynoldsville
 Frank Ginter.....Commodore
 J. C. Mohney.....Punxsutawney
 H. J. Poorbaugh.....Brookville
 Donald Reinsel.....R. D. 2, Summerville
 M. W. Shingledecker.....R. D. 6, Brookville
 Angus Wilson.....Punxsutawney

JUNIATA COUNTY

J. Oscar Gelnett.....McAlisterville
 M. L. Stitt.....Port Royal

LANCASTER COUNTY

Charles E. Cowan.....32 Parkside Ave., Lancaster
 Wm. A. Frew (Lancaster Co. Seed Co.).....Paradise
 Harlan S. Gatchell.....Peach Bottom
 Ira Hartz.....R. D. 2, Elverson

Jas. T. Hastings.....Kirkwood
 Andrew H. Hershey.....447 West Orange St., Lancaster
 Jacob S. Horst.....R. D. 3, Lititz
 H. K. Martin.....Goodville
 Ivan G. Martin.....R. D. 1, Ephrata
 Luke W. Martin.....Goodville
 George G. Sauder.....R. D. 1, East Earl
 Naaman Stoltzfus.....Morgantown
 John A. Styer.....R. D. 1, East Earl

LACKAWANNA COUNTY

Donald Hindman.....Dalton
 H. J. Northrup.....R. D. 2, Dalton
 Edward S. Stone.....Waverly

LAWRENCE COUNTY

H. R. McCulloch.....New Castle
 J. W. Martin.....Box 204, Bessemer
 R. J. Nesbit.....Enon Valley

LEBANON COUNTY

Howard B. Bomberger.....R. D. 5, Lebanon
 Jacob N. Smith.....R. D. 1, Annville

LYCOMING COUNTY

W. R. Camerer.....Jersey Shore
 W. R. Downs.....Jersey Shore
 H. R. Paulhamus.....Cogan Station
 O. A. Shuey.....R. D. 1, Linden
 H. A. Snyder.....Montoursville

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 Frank N. Miller.....R. D. 4, Waynesboro
 M. B. Mentzer.....R. D. 3, Chambersburg
 Wilson Sisters.....Richmond Furnace
 Daniel G. Smith.....Dry Run
 J. S. Stevenson.....Waynesboro
 B. H. Welty.....Waynesboro

LEHIGH COUNTY

James R. Kilgore.....c/o Agri. Extension Association, Allentown

MCKEAN COUNTY

L. A. Buchanan, Tester.....Smethport
 Howard Curtin.....Eldred
 John Kirkman & Sons.....Turtle Point
 A. T. Larson.....R. D. 1, Kane
 W. A. Ross.....Smethport

MERCER COUNTY

Thomas P. Campbell.....Grove City
 Donald S. Keller.....516 Woodland Ave., Grove City
 Mercer County Home (W. W. Dight, Supt.).....Mercer
 C. H. Waha.....Mercer
 Wilhelm Bros.....R. D. 2, Sharon

MONTGOMERY COUNTY

Dr. Clyde R. Flory, M. D.....Sellersville
 Alvin L. Funk.....R. D. 1, Collegeville
 Walter S. Kerr.....Spring House
 George C. Klauder.....Pennlyn
 William H. Landis.....East Greenville
 L. Lindquist.....Willow Grove
 Harvey Murphy.....R. D. 3, Norristown
 Horace W. Patterson.....Box 493, Rosemont

Elias Sellers (Normandy Farm).....R. D. 3, Norristown
 Charles Shuman.....R. D. 4, Norristown
 S. W. Stearly.....130 Main St., Trappe
 R. S. Waltz.....P. O. Bldg., Norristown
 Ray Williams.....Narberth
 Charles E. Wismer.....Trappe
 Witchwood Farm.....Spring House
 James L. Wood, Sr.....Pennsburg

MONTOUR COUNTY
 A. Woodward Stephens.....R. D. 1, Danville

NORTHAMPTON COUNTY
 Charles R. Beck, Tester.....Mt. Bethel
 Omer Dietterich.....Mt. Bethel
 John Dinan and Brothers.....Pen Argyl
 Frankel Farm.....Mt. Bethel
 Victor R. Handwerk.....R. D. 1, Walnutport
 B. L. Hindenach.....R. D. 4, Easton
 V. A. Houston.....Northampton
 John F. Shoemaker.....R. D. 1, Mt. Bethel
 Rollo Shoemaker.....Mt. Bethel
 Floyd Shook.....Pen Argyl

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 Bruce E. Beaver.....Millerstown
 Homer Gabel.....Newport
 Stanley T. Gabel.....Newport
 Ward R. Milligan.....Loysville
 Ralph L. Smith.....Millerstown

PHILADELPHIA COUNTY
 Philip J. Baur.....2801 Hunting Park Ave., Philadelphia
 H. E. Jamison.....401 N. Broad St., Philadelphia
 Dr. J. N. Rosenberger.....431 S. 51st St., Philadelphia
 G. H. Sudlow.....1121 Lindlay Ave., Philadelphia

MISCELLANEOUS
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 Dave Gibson.....200 S. 21st St., Richmond, Ind.
 Sidney G. Friend.....11 W. 42nd St., New York, N. Y.
 Roy R. Gockley (Dairymen's League).....Lacona, N. Y.
 Holstein Friesian World.....Lacona, N. Y.

POTTER COUNTY
 Harry E. Jones.....Shingle House
 Edward Kasa.....Ulysses
 C. S. Ladd.....Ulysses
 Rosell H. Leete.....Coudersport
 Potter County Home and Farm (Ade Nichols. Supt.).....Coudersport

SCHUYLKILL COUNTY
 W. L. Bollinger (County Agent).....Pottsville
 Clarence Breiner.....R. D. 3, Tamaqua
 Buechley Farms.....Pottsville
 Arthur S. Heisler.....Tamaqua
 Paul H. Lengel.....Pine Grove
 Henry E. Lindner.....Ringtown
 Robert C. Ludwig.....Hegins
 U. E. Rhein.....Pine Grove
 A. T. Riegel.....Schuylkill Haven
 Sharp Mountain Farm (Maud Richards).....Pottsville
 Milton E. Stump & Son.....R. D. 2, Pine Grove
 Webster Wagner.....Middleport

SNYDER COUNTY
 Earl G. Winey.....R. D. 3, Middleburg

SOMERSET COUNTY
 Meyers Bros.Meyersdale

SUSQUEHANNA COUNTY
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 A. L. Howell.....Thompson
 D. Fred Buchard.....Buchardville
 Edward Bush (Louden Hill Farms).....South Montrose
 Ray Walworth.....New Milford

TIOGA COUNTY
 Lucy D. Baldwin.....Lawrenceville
 Ed. W. Brion.....Liberty
 M. S. Brodrick.....Mansfield
 Laurence G. Hunt.....Westfield
 H. L. Seeley.....Knoxville
 Roy Whittaker.....Covington

UNION COUNTY
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Harry W. Whitman.....	Diamond
W. C. Zeiders.....	P. O. Box 342, Franklin

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C. J. Frantz, M. D.....	Warren
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WASHINGTON COUNTY

J. D. Bamford.....	Midway
H. O. Bock.....	McDonald
Joseph W. Cain.....	R. D. 1, Bulger
Kenneth W. Hunter.....	R. D. 1, Dunn's Station
Clifford M. Weise.....	101 Bertha St., Donora

WAYNE COUNTY

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Robert W. Eno.....	Honesdale
Edward C. Erk.....	Seelyville
James E. McKeehen.....	Honesdale
Lester R. Male.....	Honesdale
W. B. O'Neill.....	Pleasant Mt.
H. A. Robinson (Sunny Vale Farm).....	Seelyville
Kermit L. Witmer.....	c/o J. E. McKeehen, Honesdale

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John H. Lencoski.....	Box 125, R. D. 2, Latrobe
John Moffat & Sons.....	New Alexandria
Michael Rathgeb.....	R. D. 3, Greensburg
B. W. Silvis.....	Export
R. L. Steele.....	New Alexandria
William A. Stoneman.....	Belle Vernon
St. Vincent Archabbey.....	Latrobe
Joseph S. Thurston, Asst. Co. Agent.....	228 Federal Bldg., Greensburg
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Miss T. C. Wohlwend.....	Salina

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Edward Prevost.....	Tunnnanhock

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G. A. Burdick.....	Wrightsville
W. F. Dummer.....	R. D. 1, Mt. Wolf
Evan Gladfelter.....	R. D. 3, York
Clarence Green.....	201 N. Highland Ave., York
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Chester Gross.....	Manchester
E. S. Gross.....	Manchester
Emory M. Kilgore.....	Woodbine
William J. Parlett.....	Woodbine
J. A. Poorbaugh.....	R. D. 3, York
Robert M. Scott.....	Delta

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Volume**